

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

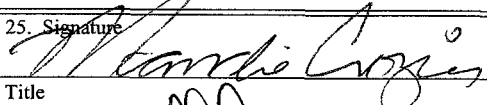
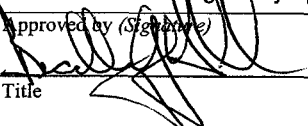
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER			5. Lease Serial No. UTU-70821
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone			6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company			7. If Unit or CA Agreement, Name and No. Blackjack Unit
3a. Address Route #3 Box 3630, Myton UT 84052			8. Lease Name and Well No. Blackjack Federal R-10-9-17
3b. Phone No. (include area code) (435) 646-3721			9. API Well No. 43013-33931
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/SW 685' FSL 2017' FWL At proposed prod. zone 1200' FSL 2555' FEL SWSE			10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximately 15.5 miles southeast of Myton, Utah			11. Sec., T., R., M., or Blk. and Survey or Area Sec. 10, T9S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1200' f/lse, 1200' f/unit	16. No. of Acres in lease 240.00	17. Spacing Unit dedicated to this well 20 Acres	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1095'	19. Proposed Depth 5835'	20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5192' GL	22. Approximate date work will start* 2 nd Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 3/7/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 03-24-08
Title Officer	ENVIRONMENTAL MANAGER	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action is Necessary

RECEIVED

MAR 14 2008

DIV. OF OIL, GAS & MINING

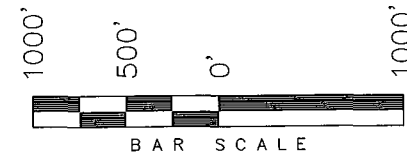
Sur f 585800X
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- 109.994289

Bill
586013X
4432646Y
40.041549
- 109.991767

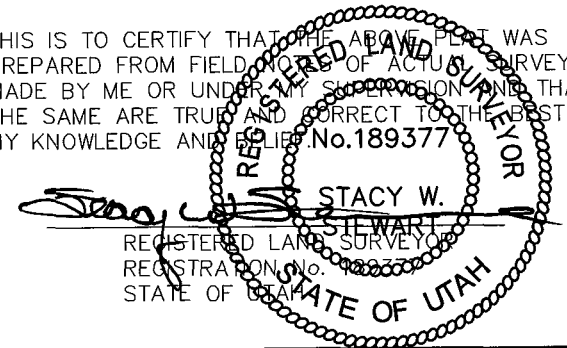
T9S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, BLACKJACK R-10-9-17,
LOCATED AS SHOWN IN THE SE 1/4 SW
1/4 OF SECTION 10, T9S, R17E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.

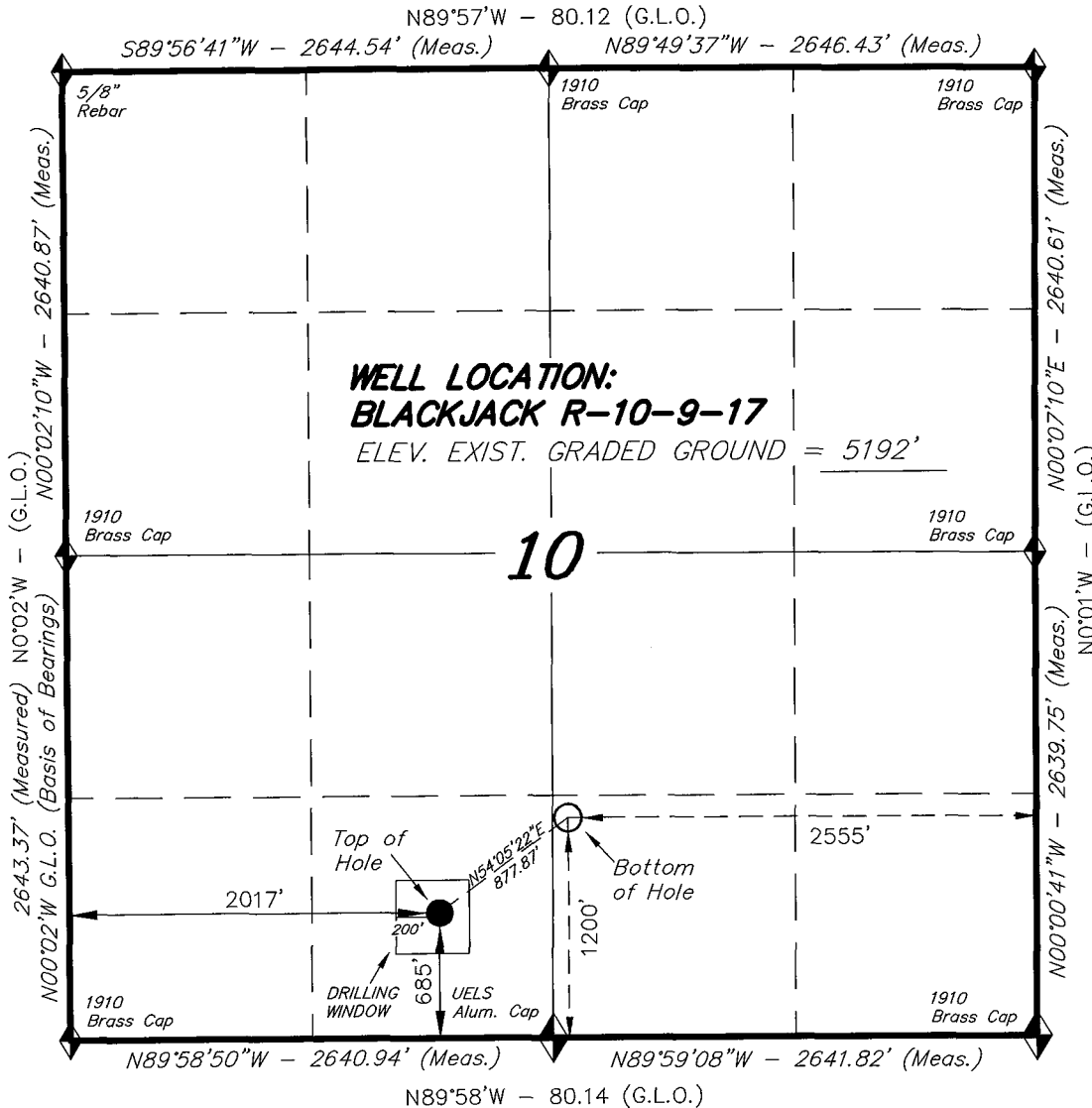


THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 11-27-07	SURVEYED BY: T.H.
DATE DRAWN: 12-11-07	DRAWN BY: F.T.M.
REVISED: 02-08-08 L.C.S.	SCALE: 1" = 1000'



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

BLACKJACK R-10-9-17
(Surface Location) NAD 83
LATITUDE = 40° 02' 24.28"
LONGITUDE = 109° 59' 41.92"

**NEWFIELD PRODUCTION COMPANY
BLACKJACK FEDERAL #R-10-9-17
AT SURFACE: SE/SW SECTION 10, T9S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1275'
Green River	1275'
Wasatch	5835'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1275' – 5835' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
BLACKJACK FEDERAL #R-10-9-17
AT SURFACE: SE/SW SECTION 10, T9S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Blackjack Federal #R-10-9-17 located in the SE 1/4 SW 1/4 Section 10, T9S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly - 13.1 miles \pm to it's junction with an existing dirt road to the south; proceed southeasterly - 0.8 miles \pm to it's junction with an existing road to the northwest; proceed northwesterly 0.2 miles \pm to it's junction with the beginning of the access road to the existing Castle Draw 14-10-9-17 well location.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Castle Draw 14-10-9-17 well pad. See attached Topographic Map "B".

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the Castle Draw 14-10-9-17 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Blackjack Federal R-10-9-17. All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right: 43-10136

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Blackjack Federal R-10-9-17 will be drilled off of the existing Castle Draw 14-10-9-17 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

Newfield Production Company requests 860' of disturbed area be granted in Lease UTU-70821 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP. In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

The Archaeological Resource Survey and Paleontological Resource Survey for the 860' of proposed water injection pipeline will be forthcoming.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

None for the proposed Blackjack Federal R-10-9-17.

Reserve Pit Liner

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Squirrel Tail	<i>Elymus Elymoides</i>	5 lbs/acre
Crested Wheatgrass	<i>Agropyron Cristatum</i>	5 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	0.5 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	0.5 lbs/acre
Forage Kochia	<i>Kochia Prostrata</i>	0.25 lbs/acre

Details of the On-Site Inspection

The proposed Blackjack Federal R-10-9-17 was on-sited on 1/15/08. The following were present; Dave Allred (Newfield Production), Kevan Stevens (Newfield Production), Michael Cutler (Bureau of Land Management), and Brandon McDonald (Bureau of Land Management). Weather conditions were clear and ground covered by snow.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Kevan Stevens
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

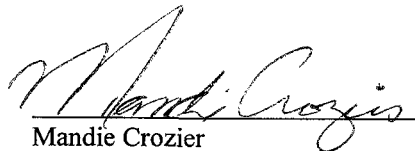
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #R-10-9-17 Section 10, Township 9S, Range 17E: Lease UTU-70821 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

3/7/08

Date



Mandie Crozier
Regulatory Specialist
Newfield Production Company



Scientific Drilling
Rocky Mountain Operations

Project: Duchesne County, UTNAD83 UTC
Site: Blackjack
Well: Blackjack R-10-9-17
Wellbore: OH
Design: Plan #1

Newfield Exploration Co.



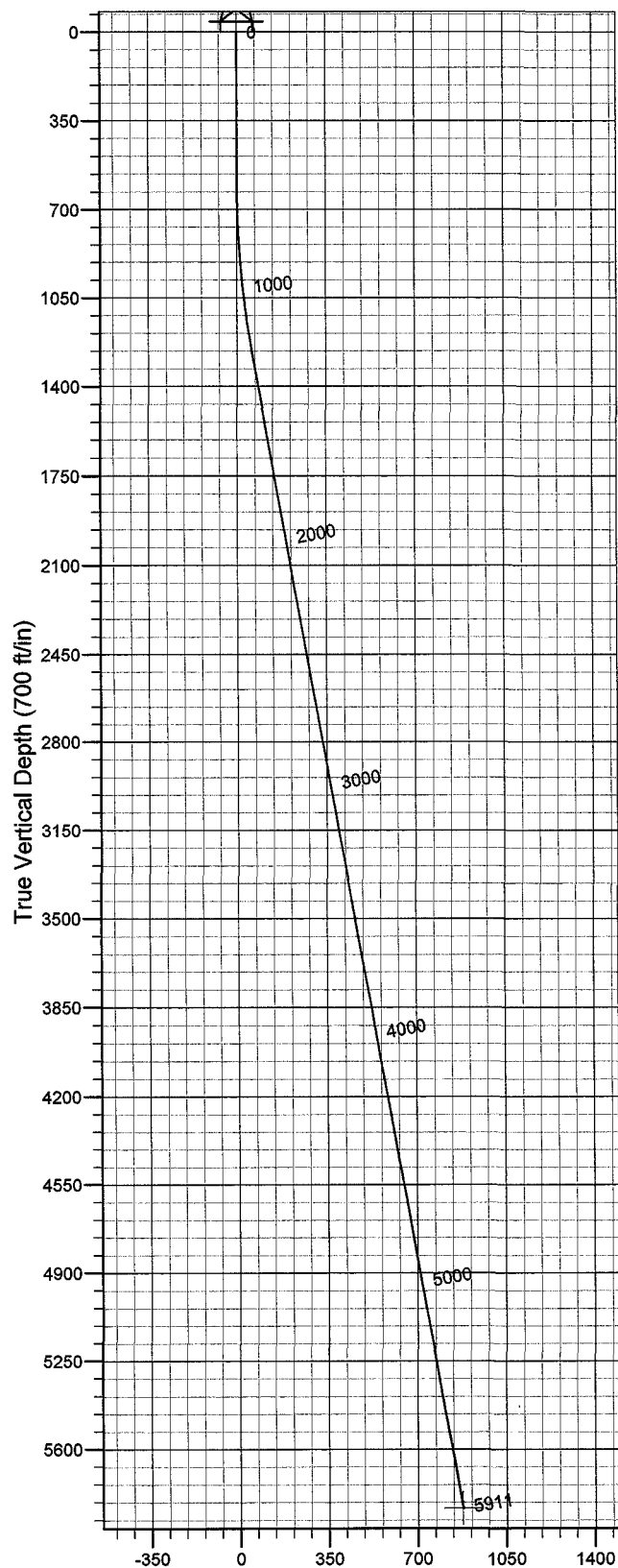
Azimuths to True North
Magnetic North: 11.70°

Magnetic Field
Strength: 52632.2snT
Dip Angle: 65.89°
Date: 2008-02-17
Model: IGRF2005-10

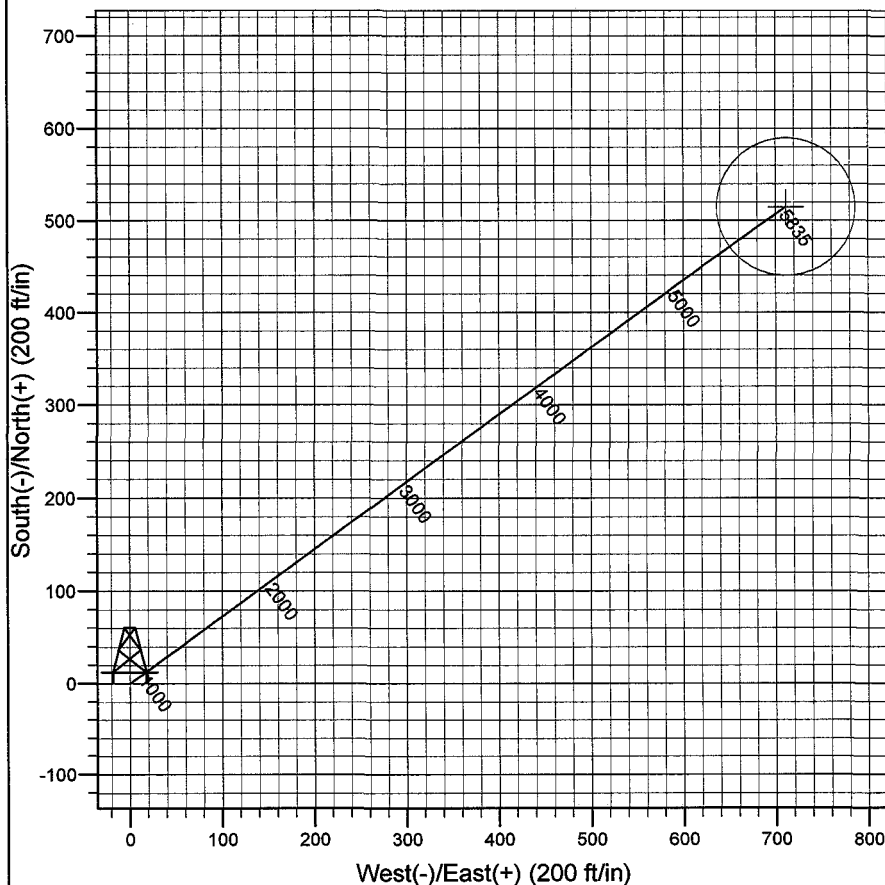
WELL DETAILS: Blackjack R-10-9-17

GL 5192' & RKB 12' @ 5204.00ft 5192.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	7186881.42	2061765.91	40° 2' 24.280 N	109° 59' 41.920 W



Vertical Section at 54.09° (700 ft/in)



Plan: Plan #1 (Blackjack R-10-9-17/OH)

Created By: Julie Cruse Date: 2008-02-17

PROJECT DETAILS: Duchesne County, UTNAD83 UTC

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone
Location:
System Datum: Mean Sea Level
Local North: True North

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
	31277.79	10.17	54.09	1274.24	35.18	48.58	1.50	54.09	59.98	
	45911.31	10.17	54.09	5835.00	514.88	711.02	0.00	0.00	877.87	BJ R-10-9-17 PBHL

Newfield Exploration Co.

Duchesne County, UTNAD83 UTC

Blackjack

Blackjack R-10-9-17

OH

Plan: Plan #1

Standard Planning Report

17 February, 2008

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UTNAD83 UTC
Site: Blackjack
Well: Blackjack R-10-9-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Blackjack R-10-9-17
TVD Reference: GL 5192' & RKB 12' @ 5204.00ft
MD Reference: GL 5192' & RKB 12' @ 5204.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Project	Duchesne County, UTNAD83 UTC		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Blackjack,		
Site Position:		Northing:	7,188,214.16 ft
From:	Lat/Long	Easting:	2,059,050.06 ft
Position Uncertainty:	0.00 ft	Slot Radius:	in
		Latitude:	40° 2' 37.900 N
		Longitude:	110° 0' 16.550 W
		Grid Convergence:	0.96 °

Well	Blackjack R-10-9-17, 685' FSL 2017'FWL Sec 10 T9S R17E		
Well Position	+N/-S	0.00 ft	Northing: 7,186,881.42 ft
	+E/-W	0.00 ft	Easting: 2,061,765.91 ft
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft
		Latitude:	40° 2' 24.280 N
		Longitude:	109° 59' 41.920 W
		Ground Level:	5,192.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2008-02-17	11.70	65.89	52,632

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	54.09

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,277.79	10.17	54.09	1,274.24	35.18	48.58	1.50	1.50	0.00	54.09	
5,911.31	10.17	54.09	5,835.00	514.88	711.02	0.00	0.00	0.00	0.00	BJ R-10-9-17 PBHL

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UTNAD83 UTC
Site: Blackjack
Well: Blackjack R-10-9-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Blackjack R-10-9-17
TVD Reference: GL 5192' & RKB 12' @ 5204.00ft
MD Reference: GL 5192' & RKB 12' @ 5204.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	1.50	54.09	699.99	0.77	1.06	1.31	1.50	1.50	0.00
800.00	3.00	54.09	799.91	3.07	4.24	5.23	1.50	1.50	0.00
900.00	4.50	54.09	899.69	6.91	9.54	11.77	1.50	1.50	0.00
1,000.00	6.00	54.09	999.27	12.27	16.95	20.92	1.50	1.50	0.00
1,100.00	7.50	54.09	1,098.57	19.17	26.47	32.68	1.50	1.50	0.00
1,200.00	9.00	54.09	1,197.54	27.58	38.09	47.03	1.50	1.50	0.00
1,277.79	10.17	54.09	1,274.24	35.18	48.58	59.98	1.50	1.50	0.00
1,300.00	10.17	54.09	1,296.10	37.48	51.75	63.90	0.00	0.00	0.00
1,400.00	10.17	54.09	1,394.53	47.83	66.05	81.55	0.00	0.00	0.00
1,500.00	10.17	54.09	1,492.96	58.18	80.35	99.20	0.00	0.00	0.00
1,600.00	10.17	54.09	1,591.39	68.54	94.64	116.85	0.00	0.00	0.00
1,700.00	10.17	54.09	1,689.82	78.89	108.94	134.50	0.00	0.00	0.00
1,800.00	10.17	54.09	1,788.25	89.24	123.24	152.16	0.00	0.00	0.00
1,900.00	10.17	54.09	1,886.68	99.59	137.53	169.81	0.00	0.00	0.00
2,000.00	10.17	54.09	1,985.11	109.95	151.83	187.46	0.00	0.00	0.00
2,100.00	10.17	54.09	2,083.54	120.30	166.13	205.11	0.00	0.00	0.00
2,200.00	10.17	54.09	2,181.97	130.65	180.42	222.76	0.00	0.00	0.00
2,300.00	10.17	54.09	2,280.40	141.01	194.72	240.41	0.00	0.00	0.00
2,400.00	10.17	54.09	2,378.83	151.36	209.02	258.07	0.00	0.00	0.00
2,500.00	10.17	54.09	2,477.26	161.71	223.31	275.72	0.00	0.00	0.00
2,600.00	10.17	54.09	2,575.69	172.07	237.61	293.37	0.00	0.00	0.00
2,700.00	10.17	54.09	2,674.12	182.42	251.91	311.02	0.00	0.00	0.00
2,800.00	10.17	54.09	2,772.55	192.77	266.20	328.67	0.00	0.00	0.00
2,900.00	10.17	54.09	2,870.98	203.12	280.50	346.32	0.00	0.00	0.00
3,000.00	10.17	54.09	2,969.41	213.48	294.80	363.98	0.00	0.00	0.00
3,100.00	10.17	54.09	3,067.84	223.83	309.10	381.63	0.00	0.00	0.00
3,200.00	10.17	54.09	3,166.27	234.18	323.39	399.28	0.00	0.00	0.00
3,300.00	10.17	54.09	3,264.70	244.54	337.69	416.93	0.00	0.00	0.00
3,400.00	10.17	54.09	3,363.13	254.89	351.99	434.58	0.00	0.00	0.00
3,500.00	10.17	54.09	3,461.55	265.24	366.28	452.23	0.00	0.00	0.00
3,600.00	10.17	54.09	3,559.98	275.59	380.58	469.89	0.00	0.00	0.00
3,700.00	10.17	54.09	3,658.41	285.95	394.88	487.54	0.00	0.00	0.00
3,800.00	10.17	54.09	3,756.84	296.30	409.17	505.19	0.00	0.00	0.00
3,900.00	10.17	54.09	3,855.27	306.65	423.47	522.84	0.00	0.00	0.00
4,000.00	10.17	54.09	3,953.70	317.01	437.77	540.49	0.00	0.00	0.00
4,100.00	10.17	54.09	4,052.13	327.36	452.06	558.14	0.00	0.00	0.00
4,200.00	10.17	54.09	4,150.56	337.71	466.36	575.80	0.00	0.00	0.00
4,300.00	10.17	54.09	4,248.99	348.07	480.66	593.45	0.00	0.00	0.00
4,400.00	10.17	54.09	4,347.42	358.42	494.95	611.10	0.00	0.00	0.00
4,500.00	10.17	54.09	4,445.85	368.77	509.25	628.75	0.00	0.00	0.00
4,600.00	10.17	54.09	4,544.28	379.12	523.55	646.40	0.00	0.00	0.00
4,700.00	10.17	54.09	4,642.71	389.48	537.84	664.05	0.00	0.00	0.00
4,800.00	10.17	54.09	4,741.14	399.83	552.14	681.71	0.00	0.00	0.00
4,900.00	10.17	54.09	4,839.57	410.18	566.44	699.36	0.00	0.00	0.00
5,000.00	10.17	54.09	4,938.00	420.54	580.73	717.01	0.00	0.00	0.00
5,100.00	10.17	54.09	5,036.43	430.89	595.03	734.66	0.00	0.00	0.00
5,200.00	10.17	54.09	5,134.86	441.24	609.33	752.31	0.00	0.00	0.00

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UTNAD83 UTC
Site: Blackjack
Well: Blackjack R-10-9-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Blackjack R-10-9-17
TVD Reference: GL 5192' & RKB 12' @ 5204.00ft
MD Reference: GL 5192' & RKB 12' @ 5204.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.00	10.17	54.09	5,233.29	451.59	623.62	769.96	0.00	0.00	0.00
5,400.00	10.17	54.09	5,331.72	461.95	637.92	787.62	0.00	0.00	0.00
5,500.00	10.17	54.09	5,430.15	472.30	652.22	805.27	0.00	0.00	0.00
5,600.00	10.17	54.09	5,528.58	482.65	666.51	822.92	0.00	0.00	0.00
5,700.00	10.17	54.09	5,627.01	493.01	680.81	840.57	0.00	0.00	0.00
5,800.00	10.17	54.09	5,725.44	503.36	695.11	858.22	0.00	0.00	0.00
5,900.00	10.17	54.09	5,823.87	513.71	709.40	875.87	0.00	0.00	0.00
5,911.31	10.17	54.09	5,835.00	514.88	711.02	877.87	0.00	0.00	0.00

Targets

Target Name

- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
BJ R-10-9-17 PBHL - plan hits target center - Circle (radius 75.00)	0.00	0.00	5,835.00	514.88	711.02	7,187,408.20	2,062,468.16	40° 2' 29.369 N	109° 59' 32.777 W

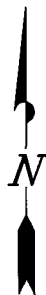
NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

BLACKJACK R-10-9-17 (Proposed Well)

BLACKJACK 14-10-9-17 (Existing Well)

Pad Location: *SESW Section 10, T9S, R17E, S.L.B.&M.*

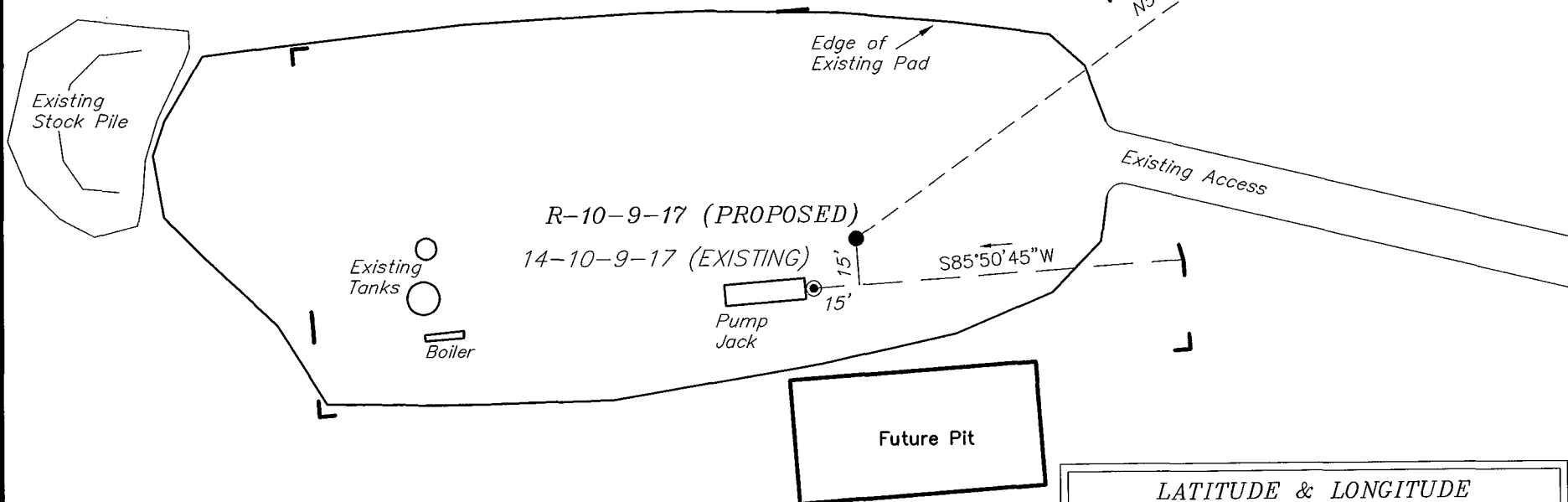


TOP HOLE FOOTAGES

R-10-9-17 (PROPOSED)
685' FSL & 2017' FWL

BOTTOM HOLE FOOTAGES

R-10-9-17 (PROPOSED)
1200' FSL & 2555' FEL



Note:

Bearings are based on
GLO Information.

RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
R-10-9-17	515'	711'

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
R-10-9-17	40° 02' 24.28"	109° 59' 41.92"
14-10-9-17	40° 02' 24.12"	109° 59' 42.10"

SURVEYED BY: T.H.	DATE SURVEYED: 11-27-07
DRAWN BY: F.T.M.	DATE DRAWN: 12-11-07
SCALE: 1" = 50'	REVISED: L.C.S. 02-08-08

Tri State
Land Surveying, Inc.

(435) 781-2501

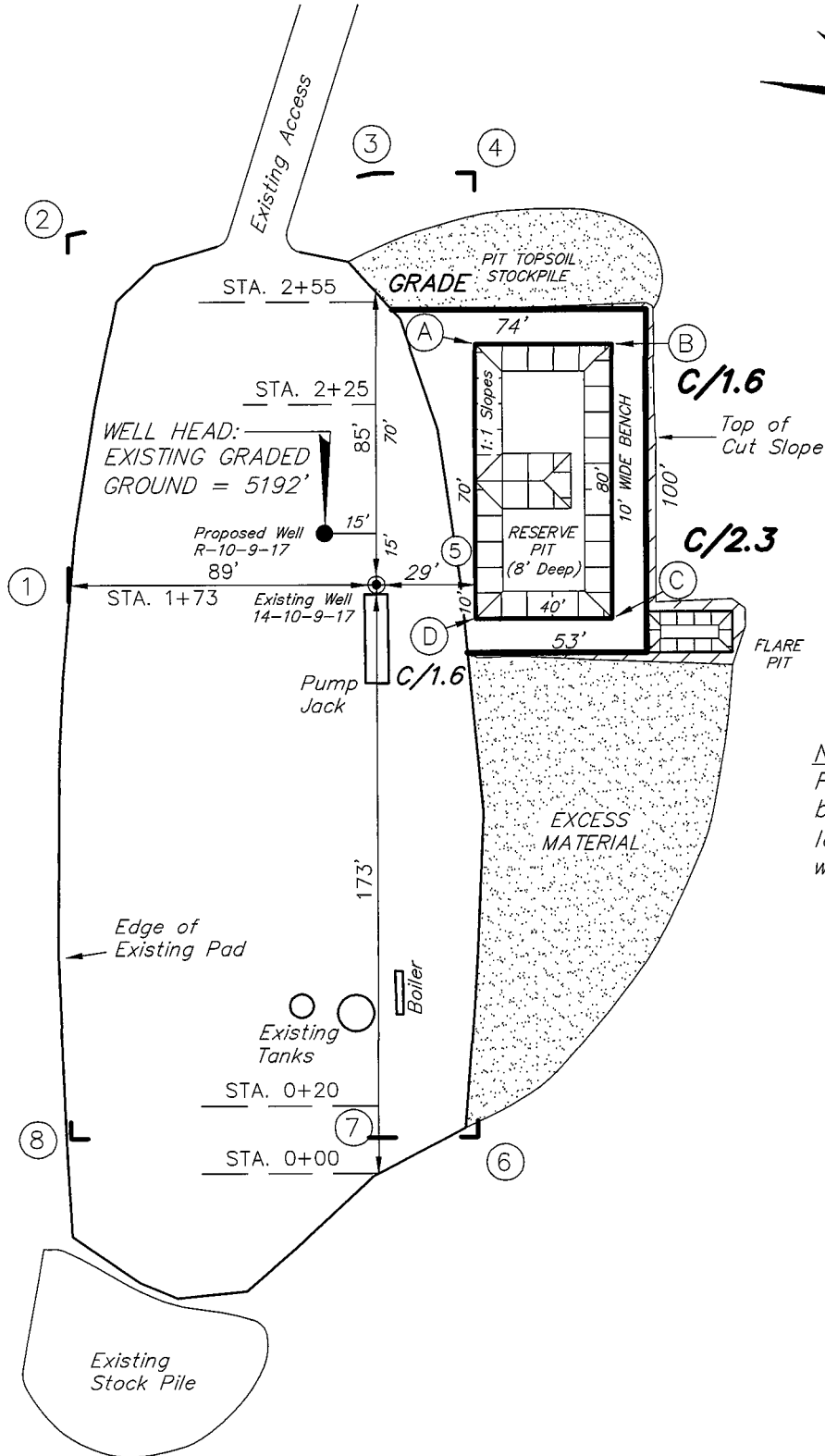
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

BLACKJACK R-10-9-17 (Proposed Well)

BLACKJACK 14-10-9-17 (Existing Well)

Pad Location: SESW Section 10, T9S, R17E, S.L.B.&M.



Note:
Flare pit is to be located at least 80' from well head.

SURVEYED BY: T.H.	DATE SURVEYED: 11-27-07
DRAWN BY: F.T.M.	DATE DRAWN: 12-11-07
SCALE: 1" = 50'	REVISED:

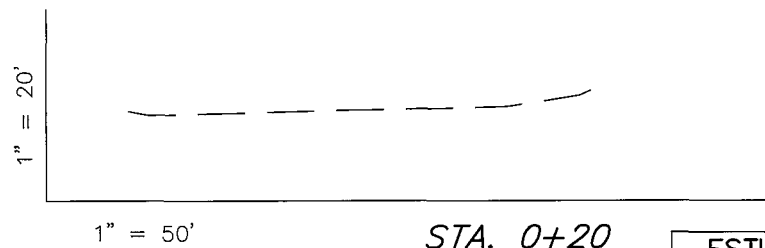
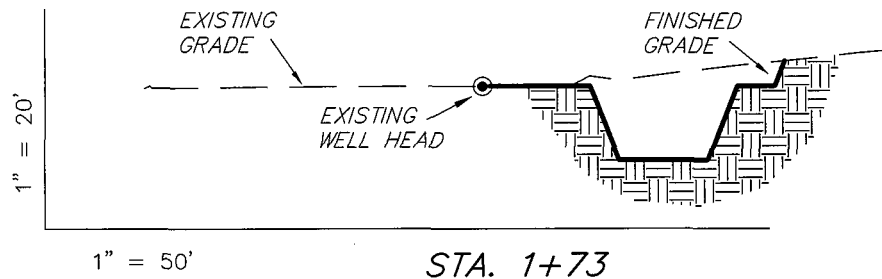
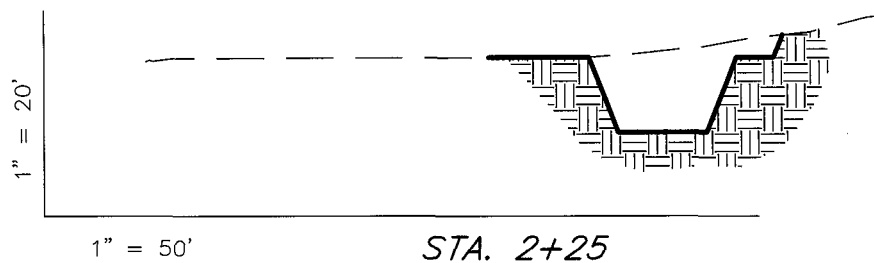
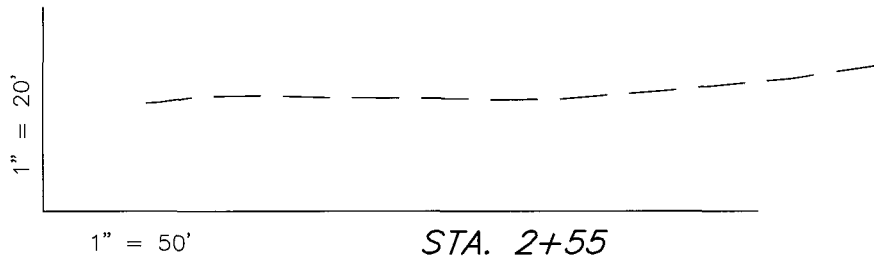
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

BLACKJACK R-10-9-17 (Proposed Well)

BLACKJACK 14-10-9-17 (Existing Well)



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	310	0	Topsoil is not included in Pad Cut	310
PIT	640	0		640
TOTALS	950	0	160	950

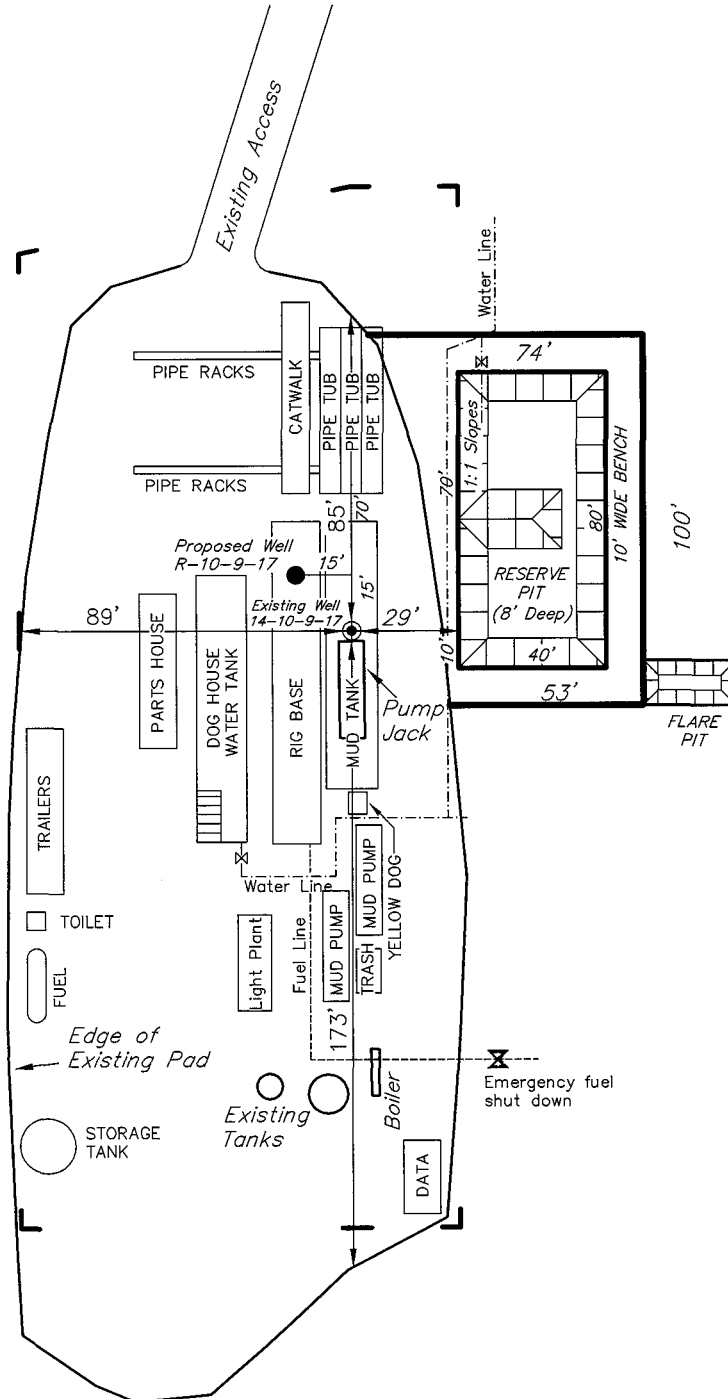
SURVEYED BY: T.H.	DATE SURVEYED: 11-27-07
DRAWN BY: F.T.M.	DATE DRAWN: 12-11-07
SCALE: 1" = 50'	REVISED:

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

BLACKJACK R-10-9-17 (Proposed Well)
BLACKJACK 14-10-9-17 (Existing Well)



SURVEYED BY: T.H.	DATE SURVEYED: 11-27-07
DRAWN BY: F.T.M.	DATE DRAWN: 12-11-07
SCALE: 1" = 50'	REVISED:

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

Newfield Production Company Proposed Site Facility Diagram

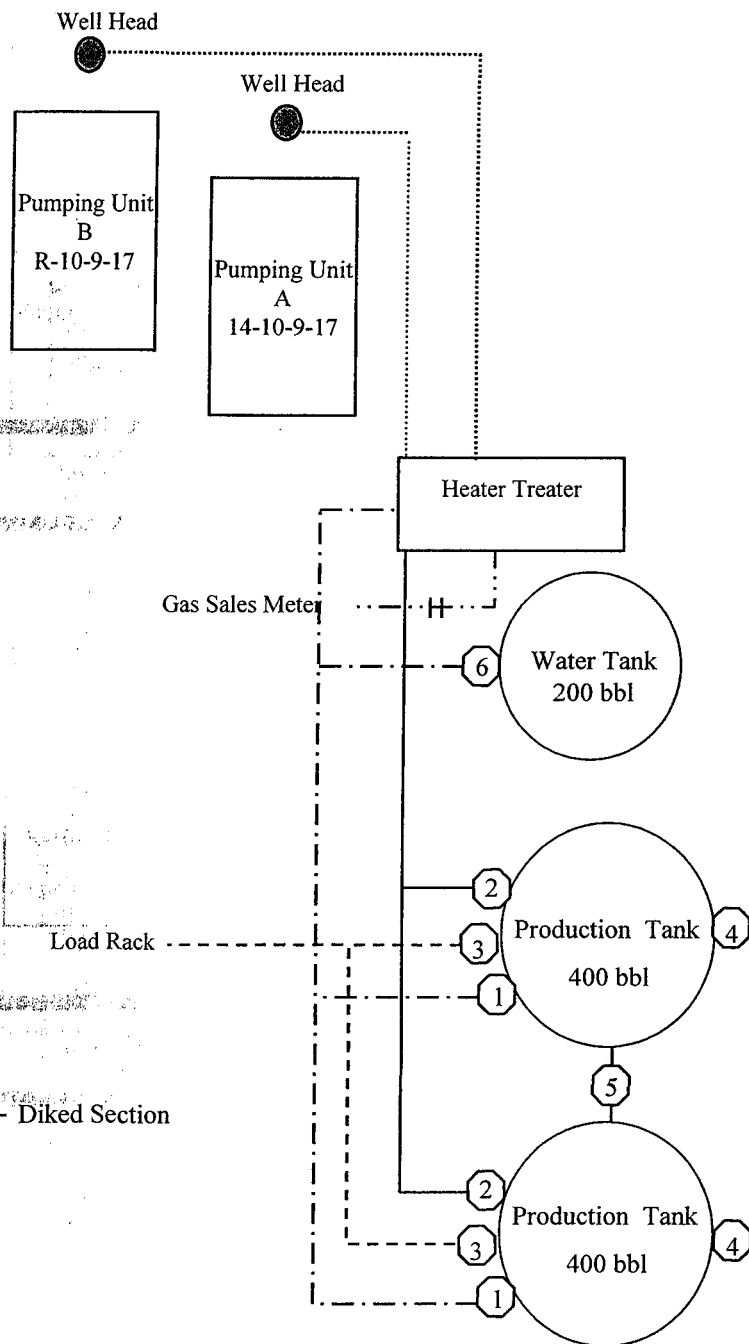
Blackjack Federal R-10-9-17

From the 14-10-9-17 Location

SE/SW Sec. 10 T9S, R17E

Duchesne County, Utah

UTU-70821



Site Security Plan is held at the Pleasant Valley Office, Duchesne County, Utah

Production Phase:

- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

Sales Phase:

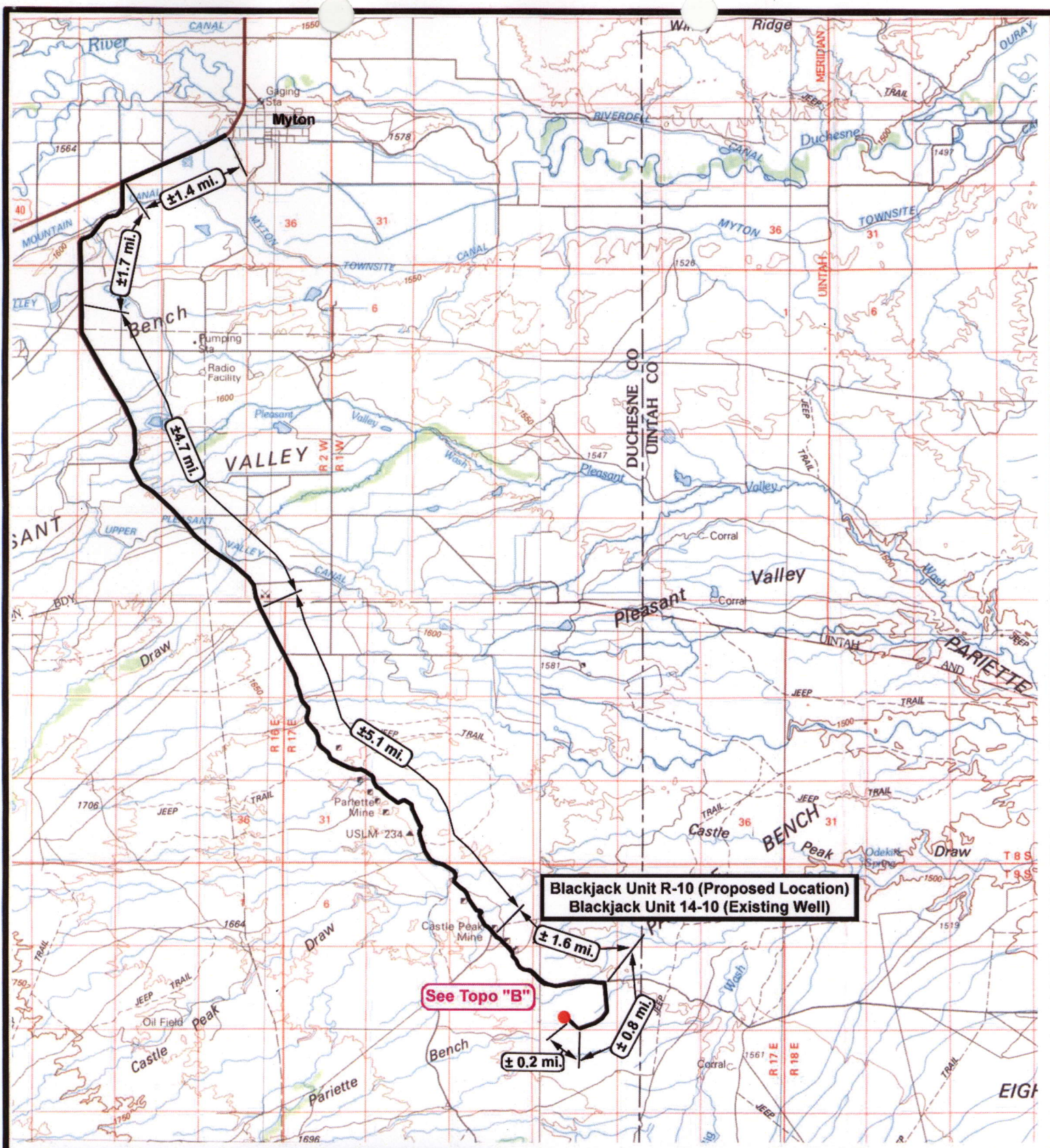
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open


Legend

Emulsion Line
Load Rack	-----
Water Line	- . - . - .
Gas Sales	- . - . - .
Oil Line	—————



Blackjack Unit R-10 (Proposed Location)
Blackjack Unit 14-10 (Existing Well)

See Topo "B"



NEWFIELD
Exploration Company

Blackjack Unit R-10-9-17 (Proposed Well)
Blackjack Unit 14-10-9-17 (Existing Well)
Pad Location SESW SEC. 10, T9S, R17E, S.L.B.&M.






Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

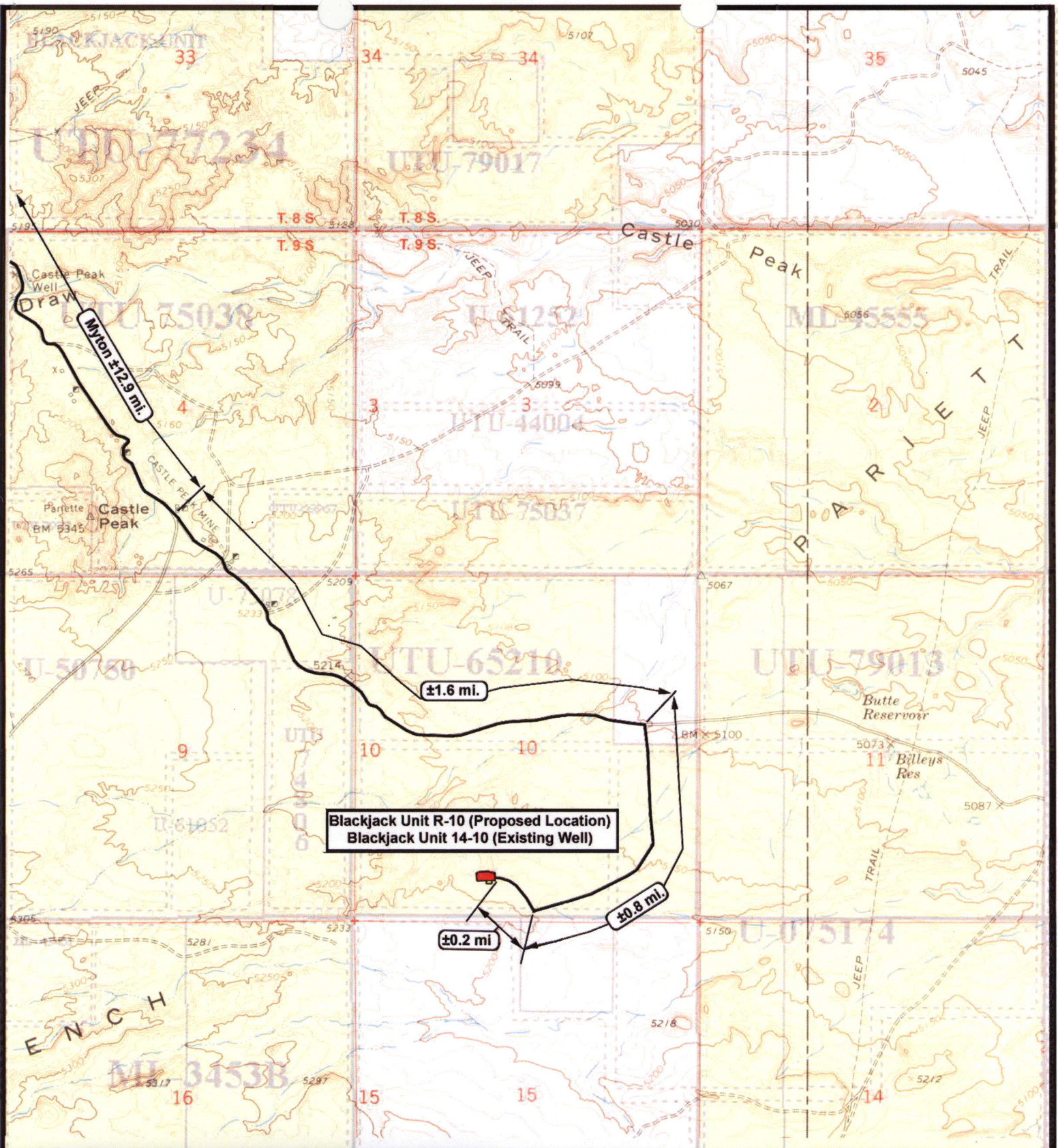
SCALE: 1 = 100,000
DRAWN BY: nc
DATE: 12-12-2007


Legend

 Existing Road

TOPOGRAPHIC MAP

"A"





NEWFIELD
Exploration Company

Blackjack Unit R-10-9-17 (Proposed Location)
Blackjack Unit 14-10-9-17 (Existing Location)
 Pad Location SESW SEC. 10, T9S, R17E, S.L.B.&M.





Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

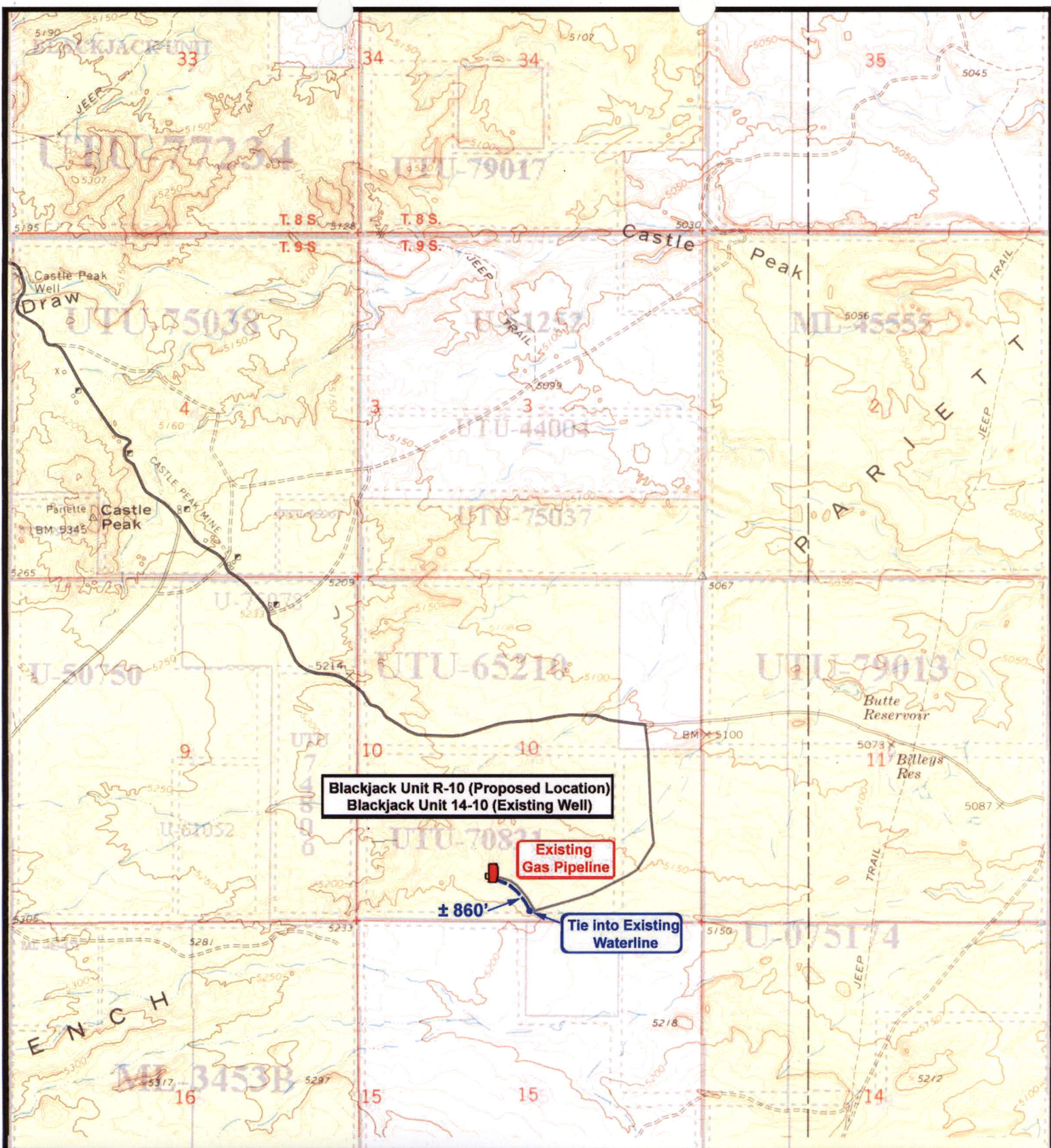
SCALE: 1" = 2,000'
 DRAWN BY: nc
 DATE: 12-13-2007

Legend

Existing Road

TOPOGRAPHIC MAP

"B"



NEWFIELD
Exploration Company

Blackjack Unit R-10-9-17 (Proposed Location)
Blackjack Unit 14-10-9-17 (Existing Location)
Pad Location SESW SEC. 10, T9S, R17E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

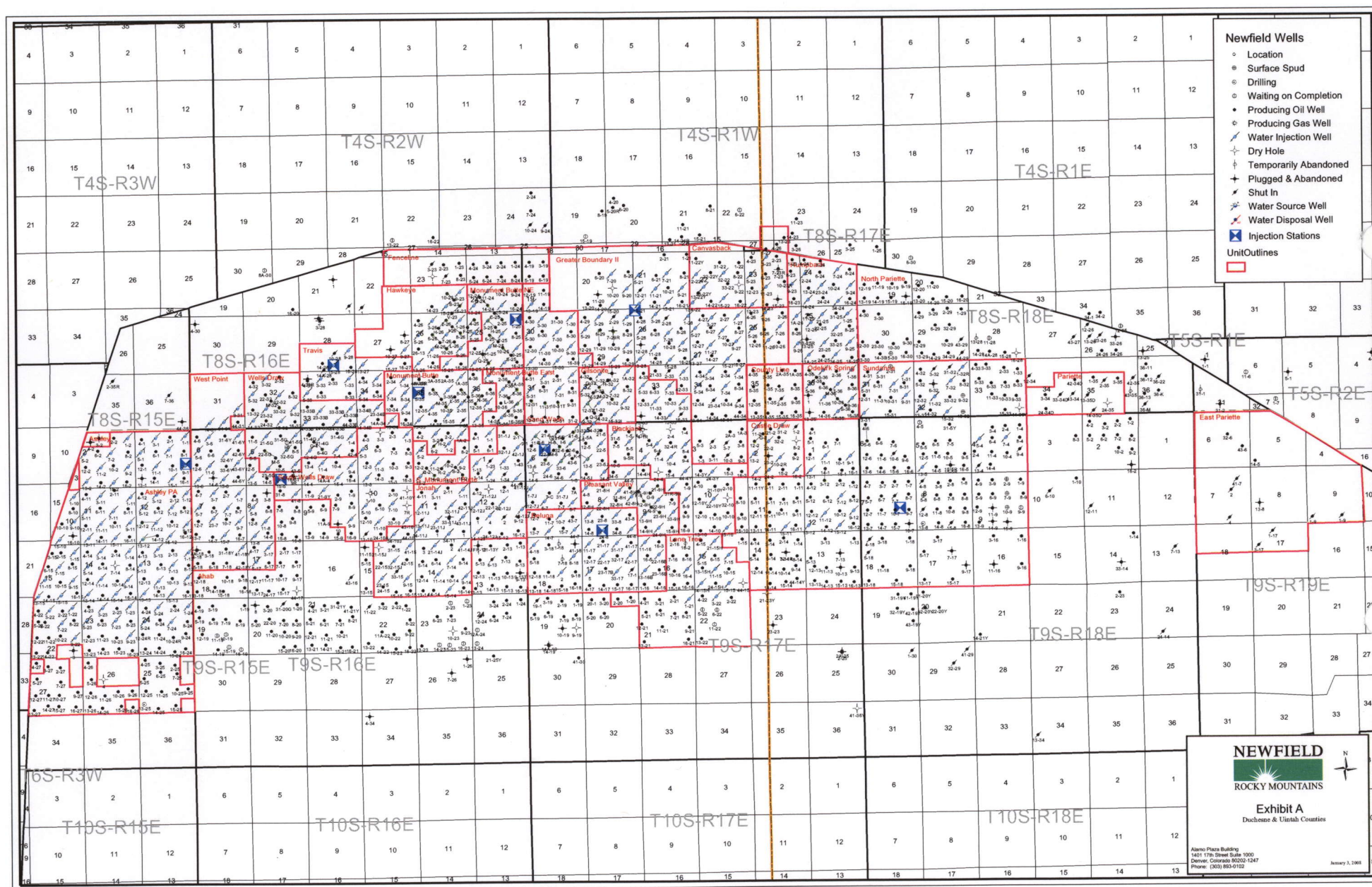
SCALE: 1" = 2,000'
DRAWN BY: nc
DATE: 12-13-2007

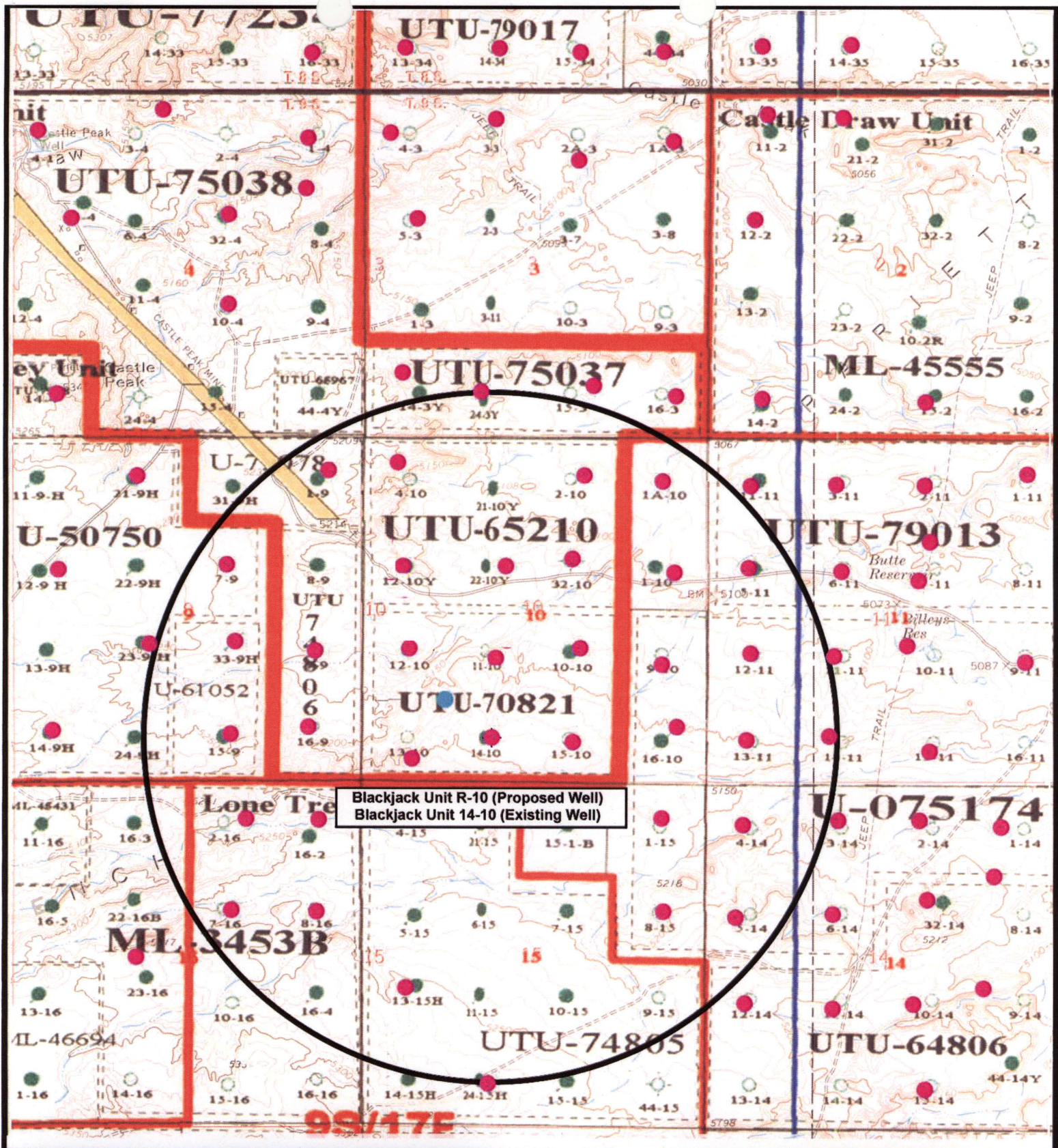
Legend

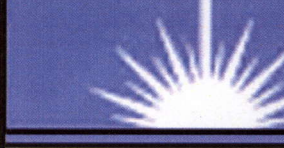
Existing Road
Proposed Waterline

TOPOGRAPHIC MAP

"C"







NEWFIELD
Exploration Company

Blackjack Unit R-10-9-17 (Proposed Location)
Blackjack Unit 14-10-9-17 (Existing Location)
 Pad Location SESW SEC. 10, T9S, R17E, S.L.B.&M.





Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: nc

DATE: 12-13-2007

Legend

- Pad Location
- Bottom Hole Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

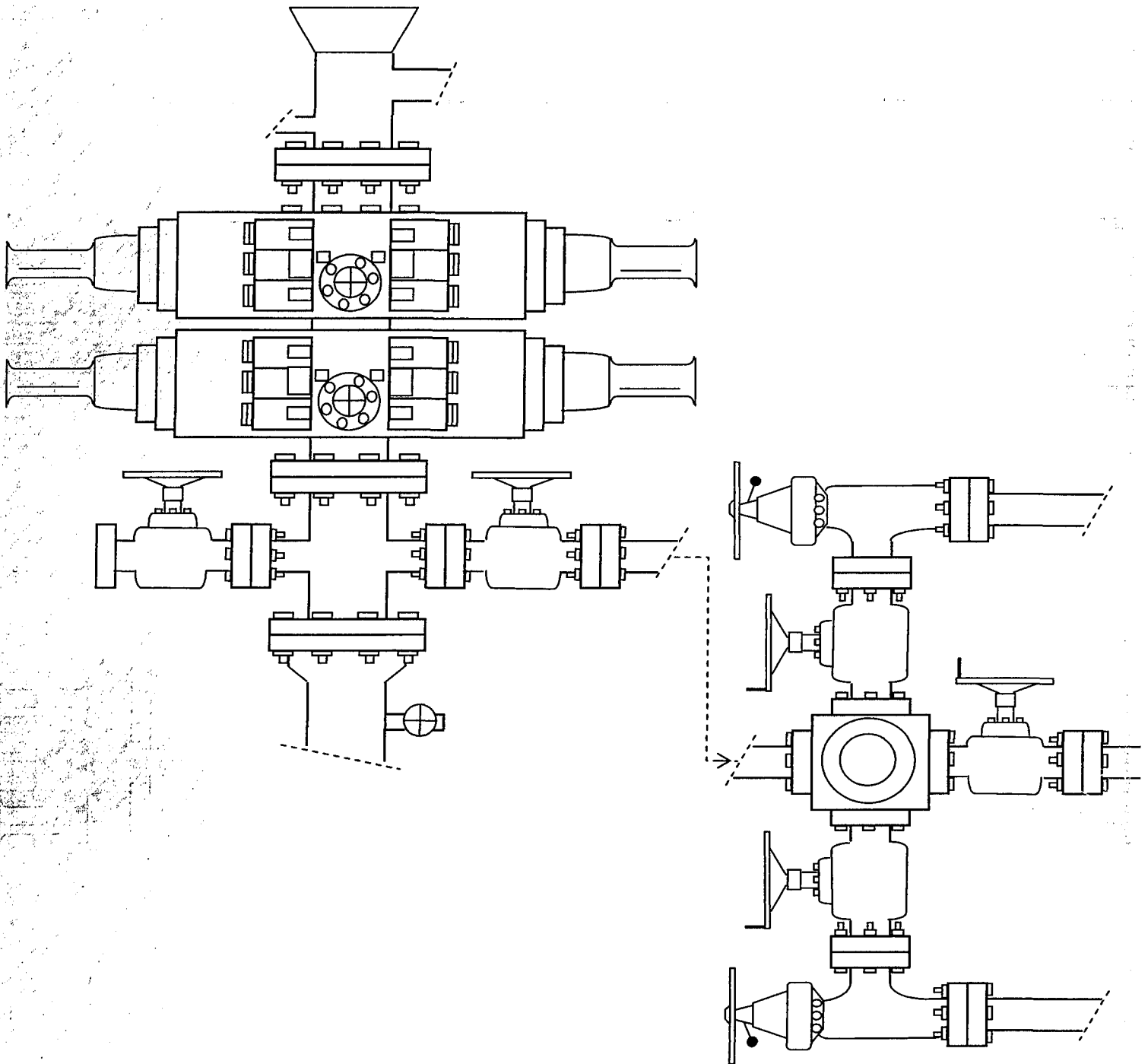


EXHIBIT C

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/14/2008

API NO. ASSIGNED: 43-013-33931

WELL NAME: BLACKJACK FED R-10-9-17

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SESW 10 090S 170E

SURFACE: 0685 FSL 2017 FWL

BOTTOM: 1200 FSL 2555 FEL

COUNTY: DUCHESNE

LATITUDE: 40.04015 LONGITUDE: -109.9943

UTM SURF EASTINGS: 585800 NORTHINGS: 4432488

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-70821

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WYB000493)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 43-10136)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

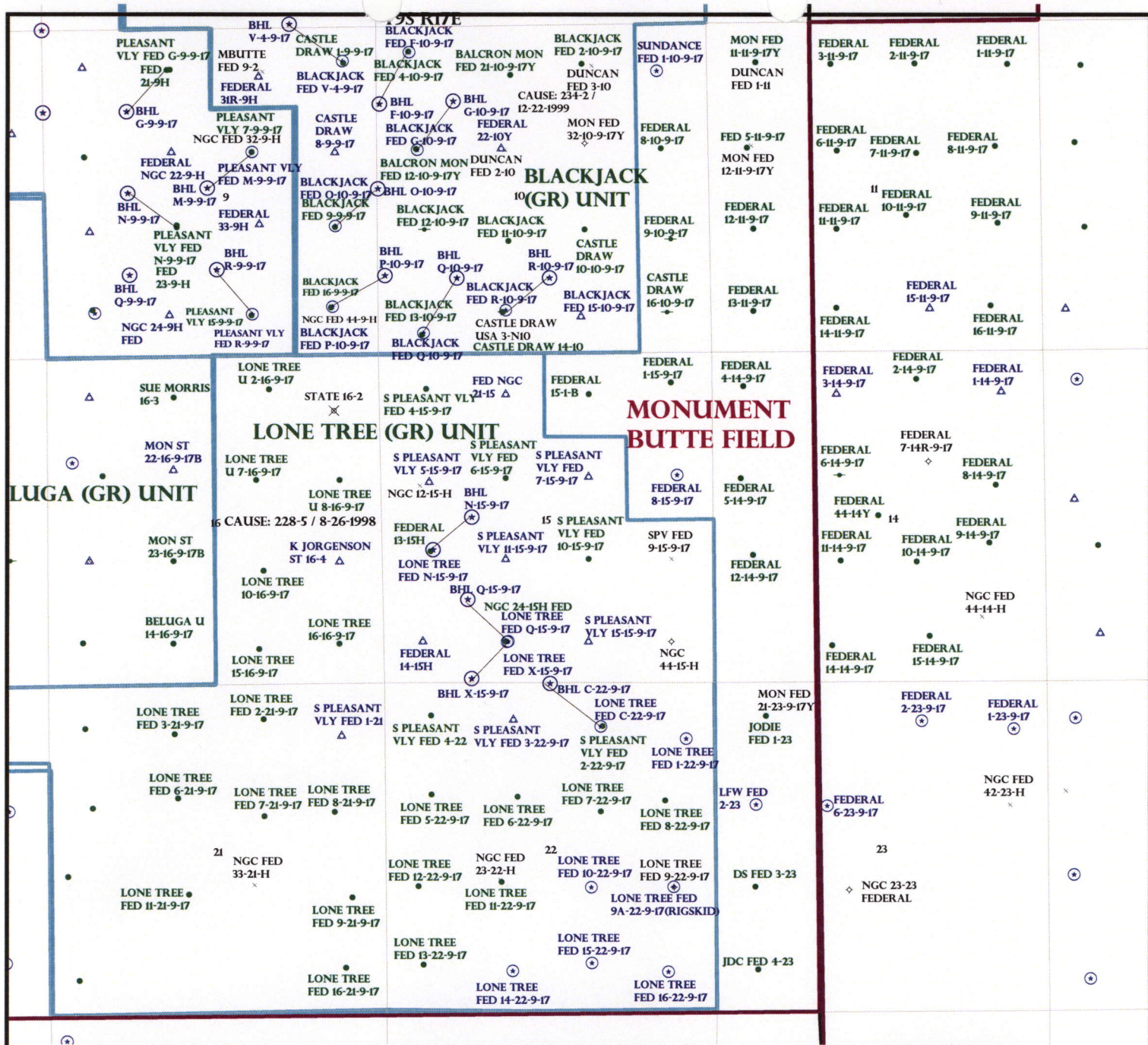
☐ R649-2-3.
Unit: BLACKJACK (GR)
☐ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
☐ R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 234-2
Eff Date: 12-22-1999
Siting: Suspends line of Siting
☒ R649-3-11. Directional Drill

COMMENTS:

See Separate File

STIPULATIONS:

1- Federal Agreement



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 10 T.9S R.17E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 234-2 / 12-22-1999



PREPARED BY: DIANA MASON
DATE: 18-MARCH-2008



March 12, 2008

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
PO Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
Blackjack Federal R-10-9-17
Blackjack Unit
UTU-78560X
Surface Hole: T9S R17E, Section 10: SESW
685' FSL 2017' FWL
At Target: T9S R17E, Section 10
1200' FSL 2555' FEL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated March 7, 2008, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and target location of this well are both within the boundaries of the Blackjack Federal Unit UTU-78560X. Newfield certifies that it is the Blackjack Unit Operator and all lands within 460 feet of the entire directional well bore are within the Blackjack Unit.

NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at reveland@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,
NEWFIELD PRODUCTION COMPANY

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland
Land Associate

RECEIVED

MAR 17 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.

UTU-70821

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA Agreement, Name and No.

Blackjack Unit

8. Lease Name and Well No.

Blackjack Federal R-10-9-17

9. API Well No.

1a. Type of Work: ☒ DRILL

☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other

☒ Single Zone ☐ Multiple Zone

2. Name of Operator

Newfield Production Company

3a. Address

Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)

(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. *)

At surface SE/SW 685' FSL 2017' FWL

At proposed prod. zone 1200' FSL 2555' FEL

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 10, T9S R17E

14. Distance in miles and direction from nearest town or post office*

Approximatley 15.5 miles southeast of Myton, Utah

12. County or Parish

Duchesne

13. State

UT

15. Distance from proposed*

location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any) Approx. 1200' W/se, 1200' E/unit

16. No. of Acres in lease

240.00

17. Spacing Unit dedicated to this well

20 Acres

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft.

Approx. 1095'

19. Proposed Depth

5835'

20. BLM/BIA Bond No. on file

WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

5192' GL

22. Approximate date work will start*

2 nd Quarter 2008

23. Estimated duration

Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

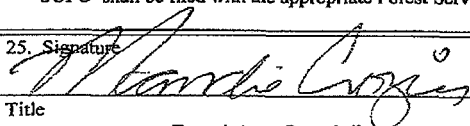
3. A Surface Use Plan (if the location is on National Forest System Lands, the
SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see
Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the
authorized officer.

25. Signature



Name (Printed/Typed)

Mandie Crozier

Date

3/7/08

Title

Regulatory Specialist

Approved by (Signature)

Name (Printed/Typed)

Date

Title

Office

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

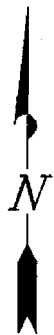
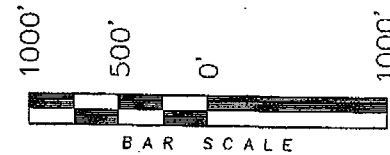
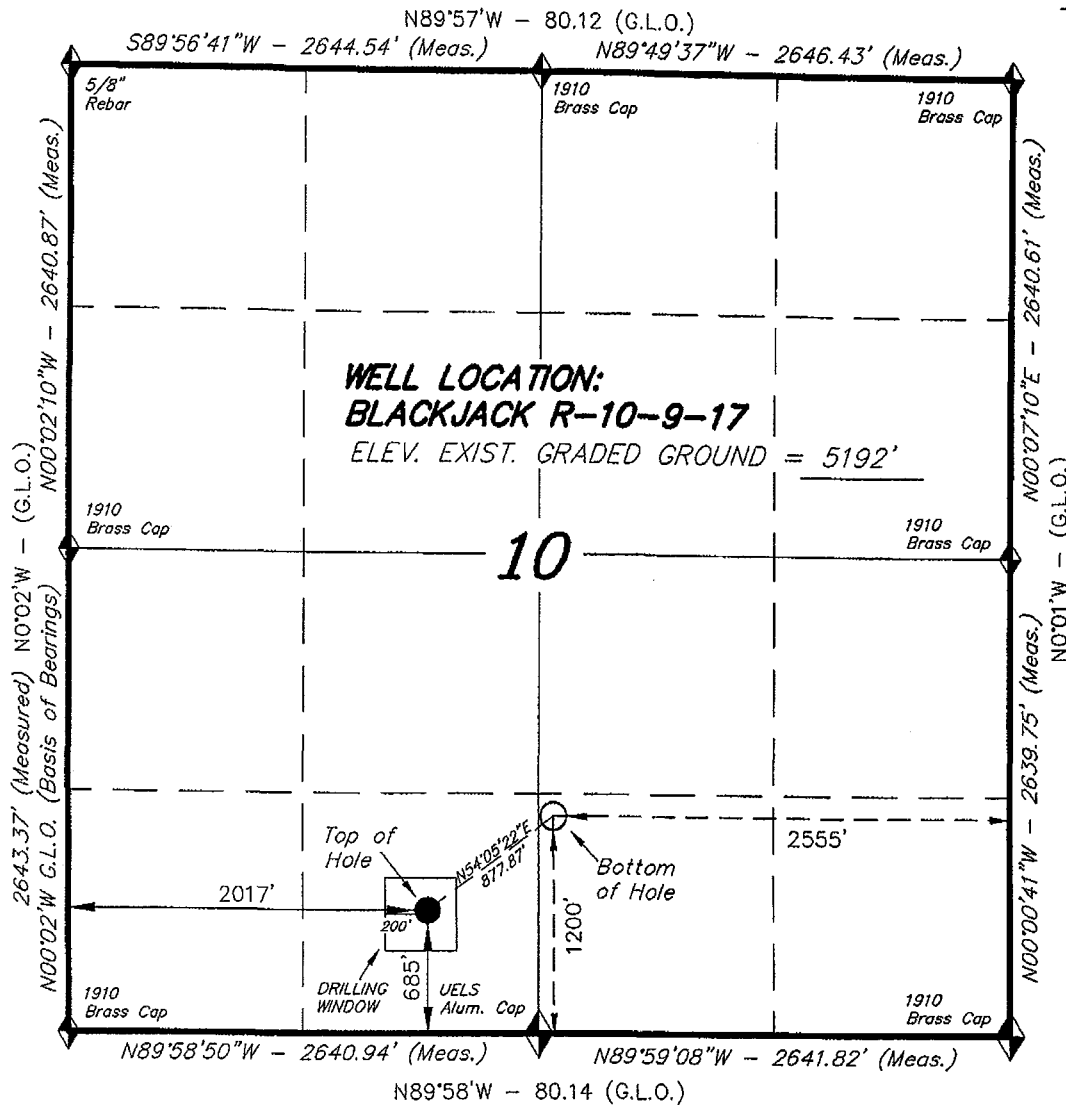
MAR 17 2008

DIV. OF OIL, GAS & MINING

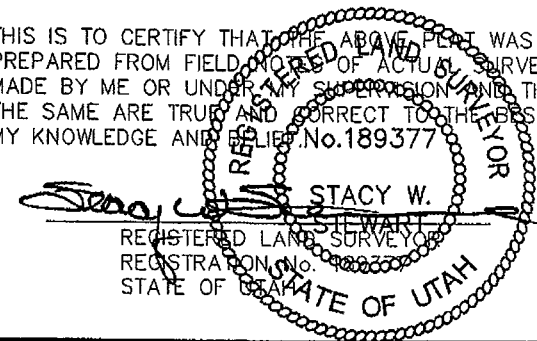
T9S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, BLACKJACK R-10-9-17,
LOCATED AS SHOWN IN THE SE 1/4 SW
1/4 OF SECTION 10, T9S, R17E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

BLACKJACK R-10-9-17
(Surface Location) NAD 83
LATITUDE = 40° 02' 24.28"
LONGITUDE = 109° 59' 41.92"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 11-27-07	SURVEYED BY: T.H.
DATE DRAWN: 12-11-07	DRAWN BY: F.T.M.
REVISED: 02-08-08 L.C.S.	SCALE: 1" = 1000'

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

March 24, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2008 Plan of Development Black Jack Unit,
Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Black Jack Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-33931	Blackjack Fed R-10-9-17 Sec 10 T09S R17E 0685 FSL 2017 FWL	BHL Sec 10 T09S R17E 1200 FSL 2555 FEL

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File - Black Jack Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:3-24-08



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

March 24, 2008

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Blackjack Federal R-10-9-17 Well, Surface Location 685' FSL, 2017' FWL, SE SW, Sec. 10, T. 9 South, R. 17 East, Bottom Location 1200' FSL, 2555' FEL, SW SE, Sec. 10, T. 9 South, R. 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33931.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal Office

Operator: Newfield Production Company
Well Name & Number Blackjack Federal R-10-9-17
API Number: 43-013-33931
Lease: UTU-70821

Surface Location: SE SW Sec. 10 T. 9 South R. 17 East
Bottom Location: SW SE Sec. 10 T. 9 South R. 17 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

2406M

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MAR 14 2008

BLM

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-70821
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Blackjack Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Blackjack Federal R-10-9-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43013 33931
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/SW 685' FSL 2017' FWL At proposed prod. zone 1200' FSL 2555' FEL <i>SWSE</i>		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 15.5 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 10, T9S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1200' f/lse, 1200' f/unit	16. No. of Acres in lease 240.00	17. Spacing Unit dedicated to this well 20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1095'	19. Proposed Depth 5835'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5192' GL	22. Approximate date work will start* 2 nd Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 3/7/08
Title Regulatory Specialist		
Approved by (Signature) <i>Jerry Kenicka</i>	Name (Printed/Typed) JERRY KENICKA	Date 3-19-2008
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

RECEIVED

MAY 19 2008

DIV. OF OIL, GAS & MINING

NOS 1-8408
08PP0323A



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Blackjack Federal R-10-9-17
API No: 43-013-33931

Location: SESW, Sec 10, T9S, R17E
Lease No: UTU-70821
Agreement: Blackjack Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:		(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7482
NRS/Enviro Scientist:		(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	(435) 828-4029
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify NRS/Enviro Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS/Enviro Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days

SURFACE USE PROGRAM **CONDITIONS OF APPROVAL (COAs)**

General Surface COAs

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

Specific Surface COAs

Lease Notices From RMP:

- The lessee/operator is given notice the area has been identified as containing Golden Eagle habitat. Modifications may be required in the Surface Use Plan to protect the Golden Eagle and/or its habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

Comments:

- GIS data shows the project area is within Mountain Plover nesting habitat. Because the proposed location is going to be directional drilled from an existing location and no new disturbance will be required, Mountain Plover timing restrictions were not applied.
- During the onsite it was evident that scattered complexes of White-tailed prairie dog colonies (Burrowing Owl nesting habitat) were in the area. Because the proposed location is going to be directional drilled from an existing location and no new disturbance will be required, Burrowing Owl timing restrictions were not applied.

Conditions of Approval:

- Avoid any ground disturbance inside cultural site area of 42DC936.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- All pipelines (surface and buried) will be laid within one 50' wide construction ROW, on one side of the road, and will reduce down to a 30' wide permanent ROW on lease.
- No surface disturbance outside of APD proposal is authorized. If other disturbance is necessary, authorization will be proposed in a sundry notice (Form 3160-5) to BLM Authorized Officer. Sclerocactus spp. surveys may be required prior to new surface disturbing activities including pipelines (surface and buried).
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.

- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- To insure impermeability, the reserve pit will be lined with a 16 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- Any hydrocarbons in the reserve pit will be removed immediately upon well completion; in accordance with 43 CFR 3162.7-1. Pits must be free of oil and other liquid and solid wastes prior to filling.
- Monument Butte SOP, Section 9.2 - Pit Fencing Minimum Standards - will be strictly adhered to. To include 9.2.2.3 - Corner posts will be cemented and/or braced in such a manner as to keep fence tight at all times.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, a detailed Interim and Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. If Reclamation Plan is acceptable, the AO will provide written approval or concurrence within 30 calendar days of receipt.

Interim Reclamation:

- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded using a rangeland drill. Seeding depth as per AO, or seed distributor. If portions of the site are too steep (>40%), or rocky, that portion may be broadcast seeded. If broadcasting seed, the seed shall be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain. Seeding shall occur in the fall (August 1st until snow or ground is frozen) with the following seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	<i>Elymus elymoides</i>	3.0	¼ - ½"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	½"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	½"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	½"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	½"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	⅛ - ¼"

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.

- Rates are set for drill seeding; double rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.

Final reclamation:

- Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be recontoured to natural topography, topsoil shall be respread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. Final seed mix: same as interim.
- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (see above). Seed application will follow all guidelines in the final seed mix bullet statement above.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- Production casing cement shall be brought up and into the surface.
- Covering air/gas drilling operations, requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling.
- Logging: A Gamma Ray well Log shall be run from the well Total Depth to the surface.
 - A copy of the Gamma Ray well Log shall be submitted to the BLM Vernal Field Office.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB

or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid,

and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: BLACKJACK FED R-10-9-17

Api No: 43-013-33931 Lease Type: FEDERAL

Section 10 Township 09S Range 17E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 09/05/08

Time 2:30 PM

How DRY

Drilling will Commence: _____

Reported by JUSTIN CRUM

Telephone # _____

Date 09/08/08 Signed CHD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
685 FSL 2017 FWL
SESW Section 10 T9S R17E

5. Lease Serial No.

USA UTU-70821

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
BLACKJACK UNIT

8. Well Name and No.

BLACKJACK FEDERAL R-10-9-17

9. API Well No.

4301333931

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 9/05/08 MIRU NDSI NS # 1. Spud well @ 2:45 pm. Drill 325' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 323.28' KB. On 9/19/08 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 6 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Jim Smith

Signature

Title

Drilling Foreman

Date

09/22/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

SEP 24 2008

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 323.28

LAST CASING 8 5/8" set @ 323.28
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 325 LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL BJ Fed R-10-9-17
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS # 1

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH	
		Shoe Joint ' 45.53						
		WHI - 92 csg head			8rd	A	0.95	
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	311.43	
		GUIDE shoe			8rd	A	0.9	
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			313.28	
TOTAL LENGTH OF STRING		313.28	7	LESS CUT OFF PIECE			2	
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12	
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			323.28	
TOTAL		311.43	7	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		311.43	7					
TIMING		1ST STAGE						
BEGIN RUN CSG.		Spud	9/5/2008	2:45 PM	GOOD CIRC THRU JOB			y
CSG. IN HOLE			9/6/2008	11:00 AM	Bbls CMT CIRC TO SURFACE			6
BEGIN CIRC			9/19/2008	8:25 AM	RECIPROCATED PIPE FOR			N/A
BEGIN PUMP CMT			9/19/2008	8:37 AM				
BEGIN DSPL. CMT			9/19/2008	8:50 AM	BUMPED PLUG TO			150 PSI
PLUG DOWN			9/19/2008	8:53 AM				
CEMENT USED		CEMENT COMPANY- B. J.						
STAGE	# SX	CEMENT TYPE & ADDITIVES						
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield						
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third for 3								

COMPANY REPRESENTATIVE Jim Smith

DATE 9/19/2008

RECEIVED

SEP 24 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

685 FSL 2017 FWL

SESW Section 10 T9S R17E

5. Lease Serial No.

USA UTU-70821

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

BLACKJACK UNIT

8. Well Name and No.

BLACKJACK FEDERAL R-10-9-17

9. API Well No.

4301333931

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 9/26/08 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5945'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 150 jt's of 5.5 J-55, 15.5# csgn. Set @ 5942.45' / KB. Cement with 325 sks cement mixed @ 11.0 ppg & 3.43 yld. The 425 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 65 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 98,000 #'s tension. Release rig @ 3:00 PM on 10/2/07.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Jim Smith

Signature

Title

Drilling Foreman

Date

10/03/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

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OCT 16 2008

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

LAST CASING 8 5/8" SET @ _____
 DATUM 12
 DATUM TO CUT OFF CASING 12
 DATUM TO BRADENHEAD FLANGE _____
 TO DRILLER 5945 LOGGER 5941
 HOLE SIZE 7 7/8"

CASING SET AT 5942.45
 Flt cllr @ 5912.85
 OPERATOR Newfield Production Company
 WELL BJ Federal R-10-9-17
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI # 3

LOG OF CASING STRING:

TOTAL LENGTH OF STRING							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt @ 3890'/5.80'					
149	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5912.85
							0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	16.35
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5944.45
TOTAL LENGTH OF STRING		5944.45	150	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		335.39	8	CASING SET DEPTH			5942.45
TOTAL		6264.59	158	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6264.59	158				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		10/3/2008	3:30 AM	GOOD CIRC THRU JOB Y			
CSG. IN HOLE		10/3/2008	7:30 AM	Bbls CMT CIRC TO SURFACE 65			
BEGIN CIRC		10/3/2008	7:45 AM	RECIPROCATED PIPE FOR THRU FT STROKE			
BEGIN PUMP CMT		10/3/2008	8:54 AM	DID BACK PRES. VALVE HOLD ? Y			
BEGIN DSPL. CMT		10/3/2008	9:46 AM	BUMPED PLUG TO 1750 PSI			
PLUG DOWN		10/3/2008	10:12 AM				
CEMENT USED			CEMENT COMPANY- B. J.				
STAGE	# SX		CEMENT TYPE & ADDITIVES				
1	325	Premlite II w/ 10% gel + 3 % KCL, 3#'s /sk CSE + 2# sk/kolseal + 1/2#'s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	425	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Jim Smith DATE 10/3/2008

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-70821
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: BLACKJACK UNIT
PHONE NUMBER 435.646.3721		8. WELL NAME and NUMBER: BLACKJACK FEDERAL R-10-9-17
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 685 FSL 2017 FWL		9. API NUMBER: 4301333931
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESW, 10, T9S, R17E		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 11/18/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 10/29/08, attached is a daily completion status report.

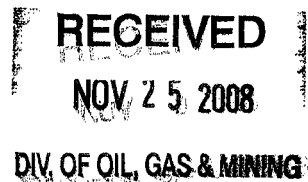
NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE

DATE 11/18/2008

(This space for State use only)



Daily Activity Report

Format For Sundry

BLACKJACK R-10-9-17**8/1/2008 To 12/30/2008****10/21/2008 Day: 1****Completion**

Rigless on 10/20/2008 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5867' cement top @ 150'. Perforate stage #1. CP4 sds @ 5640-50' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 40 shots. 141 BWTR. SIFN.

10/24/2008 Day: 2**Completion**

Rigless on 10/23/2008 - RU BJ Services "Ram Head" frac flange. RU BJ & frac CP4 sds, stage #1 down casing w/ 25,100#'s of 20/40 sand in 381 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 3275 psi. Pump 30 gals of Techna Hib chemical @ 4% by volume. Treated @ ave pressure of 1864 @ ave rate of 24 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1872. 522 bbls EWTR. RU PSI WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford (6K) composite flow through frac plug & 8' perf gun. Set Plug @ 5578'. Plug didn't shear off. Pull off rope socket & leave top of collar locator @ 5557'. SIFN.

10/25/2008 Day: 3**Completion**

Western #4 on 10/24/2008 - MIRUSU. Open well w/ 0 psi on casing. RD Cameron BOP's. Instal Scheafer BOP's. Unload tbg on rack. RU 3-1/8" graffel in @ 4- 11/16" over shot w/ jares & bumper sub. Tally, pickup & TIH w/ new J-55, 2-7/8", 6.5# tbg to tag fish @ 5557'. Circulate well w/ KCL water. TOOH w/ fish (no sand in well). LD fish & tools. RD Schaefer BOP's. Instal Cameron BOP's. SIFN.

10/28/2008 Day: 4**Completion**

Western #4 on 10/27/2008 - Open well w/ 200 psi on casing. RU PSI WLT. RIH w/ 8' & 20' perf guns. Perforate CP2 sds @ 5502-10' & CP1 sds @ 5462-82' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 90°) w/ 4 spf for total of 112 shots. RU BJ Services & frac CP1 & CP2 sds down casing w/ 49,992#'s of 20/40 sand in 478 bbls of Lightning 17 frac fluid. Perfs broke down @ 2060 psi. Pump 30 gals of Techna Hib chemical @ 4% by volume. Treated @ ave pressure of 1553 w/ ave rate of 22.5 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1684. 960 bbls EWTR. Leave pressure on well. See day4b. RU PSI WLT. RIH w/ frac plug & 16' perf gun. Set plug @ 5390'. Perforate LODC sds @ 5270-5306' w/ 4 spf for total of 144 shots (in 2 runs). RU BJ Services & frac stage #3 w/ 50,686#'s of 20/40 sand in 460 bbls of Lightning 17 frac fluid. Open well w/ 795 psi on casing. Perfs broke down @ 2519 psi. Pump 30 gals of Techna Hib chemical @ 4% by volume. Treated @ ave pressure of 2336 w/ ave rate of 22.5 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2403. 1420 bbls EWTR. Leave pressure on well. RU PSI WLT. RIH w/ frac plug & 20' perf gun. Set plug @ 4200'. Perforate GB4 sds @ 4054-74' w/ 4 spf for total of 80 shots. RU BJ Services & frac stage #4 w/ 38,187#'s of 20/40 sand in 373 bbls of Lightning 17 frac fluid. Open well w/ 1790 psi on casing. Perfs broke down @ 1886 psi. Pump 30 gals of Techna Hib chemical @ 4% by volume. Treated @ ave pressure of 2304 w/ ave rate of 22.5 bpm w/ 8 ppg of sand. ISIP was 1986. 1793 bbls EWTR. RD WLT & BJ. Flow well

back. Well flowed for 3 hours & 450 died w/ bbls rec'd. RD Cameron BOP's & frac head. Instal 3K production tbg head & Scheafer BOP's. RU 4-3/4" used Chomp bit & x-over sub. TIH w/ tbg to leave EOT @ 3022'. SIFN.

10/29/2008 Day: 5

Completion

Western #4 on 10/28/2008 - Open well w/ 0 psi on casing. Continue PU tbg & TIH. Tag plug @ 4200'. RU swivel, pump & tanks. Drlg out plug #1. TIH w/ tbg to tag fill (121'). C/O to plug @ 5390'. Drlg out plug #2. TIH w/ tbg to tag fill (75'). C/O to plug @ 5578'. Drlg out plug #3. TIH w/ tbg to fill (211'). C/O to PBTD @ 5925'. LD 2 jts tbg. RU swab. Made 13 runs to rec'd 100 bbls of fluid. Last run showed trace of oil w/ no sand. IFL was surface. FFL was 1400'. RD swab. SIFN.

10/30/2008 Day: 6

Completion

Western #4 on 10/29/2008 - Open well w/ 0 psi on casing. TIH w/ tbg to tag no new sand. Circulate well clean. TOOH w/ tbg. LD mill & x-over sub. TIH w/ NC, 2 jts tbg, SN, 1 jt tbg, TA new CDI w/ 45,000# shear, 165 jts tbg. RD BOP. Set TA @ 5613' w/ 16,000#'s tension w/ SN @ 5647' & EOT @ 5710'. Flush tbg w/ 60 bbls water. Pickup & prime pump. TIH w/ 2-1/2" x 1-3/4" x 16' X 20' new RHAC pump w/ 176"SL, 4- 1-1/2" weight rods, 182- 7/8" guided rods (8 per), 2', 6' x 7/8" pony rods, 1-1/2" x 26' polish rod. Space pump. Test tbg & pump to 800 psi. RDMOSU. POP @ 5:30PM, @ 5 SPM w/ 122"SL. Final Report.

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other: _____						5. Lease Serial No. UTU-70821			
2. Name of Operator NEWFIELD EXPLORATION COMPANY						6. If Indian, Allottee or Tribe Name NA			
3. Address 1401 17TH ST. SUITE 1000 DENVER, CO 80202						7. Unit or CA Agreement Name and No. BLACK			
3a. Phone No. (include area code) (435)646-3721						8. Lease Name and Well No. BLACKJACK FEDERAL R-10-9-17			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 685' FSL & 2017' FWL (SE/SW) SEC. 10, T9S, R17E At top prod. interval reported below At total depth 6824' 1254' FSL 2471' FWL per ITSM review						9. API Well No. 43-013-33931			
10. Field and Pool or Exploratory MONUMENT BUTTE						11. Sec., T., R., M., on Block and Survey or Area SEC. 7, T9S, R17E			
12. County or Parish DUCHESNE						13. State UT			
14. Date Spudded 09/05/2008		15. Date T.D. Reached 09/26/2008		16. Date Completed 10/29/2008 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 5192' GL 5204' KB			
18. Total Depth: MD 5945' TVD 5836'		19. Plug Back T.D.: MD 5925' TVD 5816		20. Depth Bridge Plug Set: MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND						22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)			
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (lb/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#		323'		160 CLASS G		150'	
7-7/8"	5-1/2" J-55	15.5#		5942'		325 PRIMLITE			
						425 50/50 POZ			
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-7/8"	EOT@ 5711'	TA @ 5614'							
25. Producing Intervals									
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A)				(CP4) 5640-50'		.49"	4	40	
B)				(CP2) 5502-10' (CP1) 5462-8		.49"	4	112	
C)				(LODC) 5270-5306'		.49"	4	144	
D)				(GB4) 4054-4074'		.49"	4	80	
26. Perforation Record									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
5640-5650'		Frac w/ 25100# of 20/40 sand 381 bbls fluid							
5462-5510'		Frac w/ 49,992# 20/40 sand 478 bbls fluid							
5270-5306'		Frac w/ 50686# 20/40 sand 406 bbls fluid							
4054-4074'		Frac w/ 38187# 20/40 sand 373 bbls fluid							
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/29/08	11/14/08	24	→	12	45	12			2-1/2" x 1-3/4" x 16 x 20' RHAC Pump W/ sm Plunger
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status PRODUCING	
			→						
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

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JUL 22 2009
DIV. OF OIL, GAS & MINING

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Mcas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3580' 3775'
				GARDEN GULCH 2 POINT 3	3884' 4144'
				X MRKR Y MRKR	4396' 4432'
				DOUGALS CREEK MRK BI CARBONATE MRK	4562' 4802'
				B LIMESTON MRK CASTLE PEAK	4926' 5408'
				BASAL CARBONATE TOTAL DEPTH (LOGGERS)	5828' 5941'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Tammi LeeTitle Production ClerkSignature Date 11/21/2008

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)



NEWFIELD EXPLORATION

USGS Myton SW (UT)

SECTION 10

R-10-9-17

Wellbore #1

Survey: Survey #1

Standard Survey Report

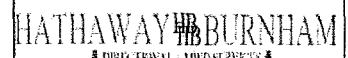
06 October, 2008

HATHAWAY HB BURNHAM
DIRECTIONAL & MWD SERVICES



Hathaway Burnham

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 10
Well: R-10-9-17
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well R-10-9-17
TVD Reference: R-10-9-17 @ 5204.0ft (RKB)
MD Reference: R-10-9-17 @ 5204.0ft (RKB)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone	Using geodetic scale factor	

Site	SECTION 10, SEC 10 TT9S, R17E		
Site Position:		Northing:	7,188,895.00 ft
From:	Lat/Long	Easting:	2,062,318.00 ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	40° 2' 44.227 N
		Longitude:	109° 59' 34.330 W
		Grid Convergence:	0.97 °

Well	R-10-9-17, SHL, LAT: 40 02 24.28, LONG: 109 59 41.92		
Well Position	+N/-S	0.0 ft	Northing: 7,186,867.04 ft
	+E/-W	0.0 ft	Easting: 2,061,761.78 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft
		Latitude:	40° 2' 24.280 N
		Longitude:	109° 59' 41.920 W
		Ground Level:	0.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	2008/07/30	11.64	65.88	52,590

Design	Wellbore #1			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	54.09

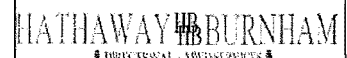
Survey Program	Date 2008/10/06			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
488.0	5,885.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
488.0	0.51	270.81	488.0	0.0	-2.2	-1.7	0.10	0.10	0.00
519.0	0.44	288.65	519.0	0.1	-2.4	-1.9	0.52	-0.23	57.55
540.0	0.86	295.04	540.0	0.2	-2.6	-2.0	2.03	2.00	30.43
571.0	0.83	346.44	571.0	0.5	-2.9	-2.1	2.37	-0.10	165.81
601.0	1.48	6.71	601.0	1.1	-2.9	-1.7	2.53	2.17	67.57
632.0	1.49	30.86	632.0	1.8	-2.7	-1.1	2.00	0.03	77.90
663.0	2.15	42.68	663.0	2.6	-2.1	-0.1	2.44	2.13	38.13
693.0	2.40	43.92	692.9	3.5	-1.2	1.0	0.85	0.83	4.13
724.0	3.01	47.96	723.9	4.5	-0.2	2.5	2.06	1.97	13.03
755.0	3.70	51.87	754.8	5.6	1.2	4.3	2.34	2.23	12.61
786.0	3.89	43.21	785.8	7.0	2.7	6.3	1.95	0.61	-27.94
812.0	4.26	42.62	811.7	8.4	4.0	8.1	1.43	1.42	-2.27



Hathaway Burnham

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 10
Well: R-10-9-17
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well R-10-9-17
TVD Reference: R-10-9-17 @ 5204.0ft (RKB)
MD Reference: R-10-9-17 @ 5204.0ft (RKB)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
848.0	4.66	48.08	847.6	10.3	6.0	10.9	1.62	1.11	15.17
879.0	5.30	52.90	878.5	12.0	8.0	13.6	2.46	2.06	15.55
910.0	5.27	52.84	909.4	13.8	10.3	16.4	0.10	-0.10	-0.19
942.0	4.88	54.20	941.2	15.4	12.6	19.3	1.28	-1.22	4.25
973.0	5.08	55.00	972.1	17.0	14.8	22.0	0.68	0.65	2.58
1,004.0	5.80	52.42	1,003.0	18.7	17.2	24.9	2.45	2.32	-8.32
1,035.0	6.24	61.47	1,033.8	20.5	19.9	28.1	3.37	1.42	29.19
1,065.0	6.79	61.32	1,063.6	22.1	22.9	31.5	1.83	1.83	-0.50
1,097.0	6.24	59.91	1,095.4	23.9	26.0	35.1	1.79	-1.72	-4.41
1,128.0	6.97	60.24	1,126.2	25.7	29.1	38.7	2.36	2.35	1.06
1,160.0	6.57	63.83	1,158.0	27.5	32.4	42.4	1.82	-1.25	11.22
1,222.0	7.27	58.91	1,219.5	31.1	39.0	49.8	1.48	1.13	-7.94
1,253.0	8.00	56.06	1,250.2	33.3	42.5	53.9	2.65	2.35	-9.19
1,285.0	8.34	54.48	1,281.9	35.9	46.2	58.5	1.27	1.06	-4.94
1,316.0	8.81	56.00	1,312.6	38.5	50.0	63.1	1.68	1.52	4.90
1,347.0	9.08	60.01	1,343.2	41.0	54.1	67.9	2.19	0.87	12.94
1,378.0	10.00	60.24	1,373.8	43.6	58.5	73.0	2.97	2.97	0.74
1,409.0	10.55	59.76	1,404.3	46.4	63.3	78.5	1.80	1.77	-1.55
1,441.0	10.13	55.59	1,435.8	49.4	68.2	84.2	2.68	-1.31	-13.03
1,472.0	10.15	53.21	1,466.3	52.6	72.6	89.7	1.35	0.06	-7.68
1,503.0	10.22	55.67	1,496.8	55.8	77.1	95.2	1.42	0.23	7.94
1,534.0	10.20	55.34	1,527.3	58.9	81.6	100.6	0.20	-0.06	-1.06
1,565.0	9.78	54.78	1,557.8	62.0	86.0	106.0	1.39	-1.35	-1.81
1,596.0	10.57	56.22	1,588.3	65.1	90.5	111.5	2.68	2.55	4.65
1,627.0	11.14	56.57	1,618.8	68.3	95.4	117.3	1.85	1.84	1.13
1,659.0	11.69	56.90	1,650.1	71.8	100.7	123.7	1.73	1.72	1.03
1,690.0	11.80	56.51	1,680.5	75.3	106.0	130.0	0.44	0.35	-1.26
1,721.0	11.10	54.90	1,710.9	78.7	111.0	136.1	2.48	-2.26	-5.19
1,752.0	11.23	51.34	1,741.3	82.3	115.8	142.1	2.26	0.42	-11.48
1,783.0	12.11	51.52	1,771.6	86.2	120.7	148.4	2.84	2.84	0.58
1,815.0	12.28	48.93	1,802.9	90.6	125.9	155.1	1.79	0.53	-8.09
1,845.0	12.94	48.91	1,832.2	94.9	130.9	161.6	2.20	2.20	-0.07
1,877.0	13.10	44.84	1,863.4	99.8	136.1	168.8	2.91	0.50	-12.72
1,909.0	13.19	43.01	1,894.5	105.0	141.2	175.9	1.33	0.28	-5.72
2,002.0	12.33	43.13	1,985.2	120.0	155.2	196.1	0.93	-0.92	0.13
2,096.0	13.49	48.93	2,076.9	134.6	170.3	216.9	1.85	1.23	6.17
2,190.0	14.52	50.80	2,168.1	149.2	187.7	239.6	1.20	1.10	1.99
2,284.0	14.92	56.73	2,259.0	163.3	207.0	263.4	1.66	0.43	6.31
2,377.0	13.43	56.51	2,349.2	175.8	226.0	286.2	1.60	-1.60	-0.24
2,471.0	13.29	51.39	2,440.6	188.6	243.5	307.9	1.27	-0.15	-5.45
2,563.0	14.79	54.40	2,529.9	202.0	261.4	330.2	1.81	1.63	3.27
2,656.0	14.39	55.19	2,619.9	215.5	280.5	353.6	0.48	-0.43	0.85
2,749.0	14.55	53.70	2,709.9	229.1	299.4	376.8	0.44	0.17	-1.60
2,843.0	13.05	53.06	2,801.2	242.4	317.4	399.3	1.60	-1.60	-0.68
2,937.0	13.07	52.90	2,892.8	255.2	334.4	420.5	0.04	0.02	-0.17
3,031.0	11.60	51.85	2,984.6	267.5	350.3	440.6	1.58	-1.56	-1.12
3,124.0	11.32	52.29	3,075.7	278.8	364.8	459.0	0.32	-0.30	0.47
3,219.0	11.47	57.43	3,168.9	289.6	380.2	477.8	1.08	0.16	5.41
3,312.0	12.66	60.38	3,259.8	299.6	396.8	497.1	1.44	1.28	3.17
3,406.0	13.97	60.00	3,351.3	310.4	415.6	518.7	1.40	1.39	-0.40
3,500.0	12.72	61.54	3,442.8	321.0	434.5	540.2	1.38	-1.33	1.64
3,594.0	12.19	62.55	3,534.5	330.5	452.4	560.3	0.61	-0.56	1.07
3,687.0	12.00	55.39	3,625.5	340.5	469.1	579.7	1.63	-0.20	-7.70
3,781.0	11.98	53.23	3,717.4	351.9	485.0	599.2	0.48	-0.02	-2.30



Hathaway Burnham

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 10
Well: R-10-9-17
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well R-10-9-17
TVD Reference: R-10-9-17 @ 5204.0ft (RKB)
MD Reference: R-10-9-17 @ 5204.0ft (RKB)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
3,875.0	10.31	55.63	3,809.7	362.5	499.7	617.4	1.84	-1.78	2.55
3,968.0	11.27	58.02	3,901.0	372.0	514.3	634.8	1.14	1.03	2.57
4,062.0	11.98	59.74	3,993.1	381.8	530.5	653.6	0.84	0.76	1.83
4,155.0	10.44	58.07	4,084.3	391.1	546.0	671.6	1.69	-1.66	-1.80
4,249.0	9.54	55.67	4,176.9	400.0	559.7	687.9	1.05	-0.96	-2.55
4,343.0	9.95	49.01	4,269.5	409.7	572.2	703.8	1.28	0.44	-7.09
4,437.0	11.51	57.08	4,361.9	420.2	586.2	721.3	2.30	1.66	8.59
4,530.0	11.49	49.81	4,453.0	431.2	601.1	739.8	1.56	-0.02	-7.82
4,623.0	10.55	44.86	4,544.3	443.2	614.2	757.4	1.43	-1.01	-5.32
4,717.0	11.34	46.95	4,636.6	455.6	627.0	775.1	0.94	0.84	2.22
4,810.0	12.02	50.64	4,727.7	468.0	641.2	793.8	1.09	0.73	3.97
4,904.0	10.70	52.22	4,819.8	479.5	655.7	812.3	1.44	-1.40	1.68
4,998.0	10.90	55.56	4,912.2	489.9	669.9	829.9	0.70	0.21	3.55
5,092.0	11.21	54.93	5,004.4	500.2	684.7	847.9	0.35	0.33	-0.67
5,185.0	10.31	57.63	5,095.8	509.8	699.1	865.3	1.11	-0.97	2.90
5,191.5	10.34	57.35	5,102.1	510.5	700.1	866.4	0.92	0.49	-4.36
R-10-9-17 TGT									
5,279.0	10.79	53.70	5,188.2	519.5	713.3	882.5	0.92	0.51	-4.17
5,372.0	10.42	55.10	5,279.6	529.5	727.2	899.6	0.48	-0.40	1.51
5,466.0	8.85	58.66	5,372.3	538.1	740.4	915.3	1.79	-1.67	3.79
5,560.0	9.14	54.20	5,465.1	546.3	752.6	930.0	0.80	0.31	-4.74
5,654.0	8.97	61.23	5,558.0	554.2	765.1	944.7	1.19	-0.18	7.48
5,748.0	8.66	62.09	5,650.8	561.0	777.8	959.0	0.36	-0.33	0.91
5,841.0	8.13	66.99	5,742.9	566.8	790.0	972.3	0.96	-0.57	5.27
5,885.0	7.16	70.04	5,786.5	569.0	795.4	978.0	2.39	-2.20	6.93

Checked By: _____ Approved By: _____ Date: _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-70821			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: BLACKJACK (GR)			
3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202		8. WELL NAME and NUMBER: BLACKJACK FED R-10-9-17			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0685 FSL 2017 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 10 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013339310000			
PHONE NUMBER: 303 382-4443 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE			
COUNTY: DUCHESNE		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/31/2009 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____ </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 65%;"> <p>Operator proposes to recomplete the subject well. This well has been identified to have pay behind pipe. We plan on opening the D2 4563-4580 sands by perforating and then hydraulically fracturing them. Refer to the attached recompletion procedure. Please contact Newfield Engineer Tom Walker at 303-383-4114 or Paul Weddle at 303-383-4117 for procedure questions. You may contact me, Susan Linder at 303-382-4443 if further assistance is needed.</p> </div> <div style="width: 30%; text-align: right;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>Date: <u>October 12, 2009</u></p> <p>By: <u><i>Dan K. Duff</i></u></p> </div> </div>					
NAME (PLEASE PRINT) Susan Linder	PHONE NUMBER 303 382-4443	TITLE Operations Tech			
SIGNATURE N/A	DATE 9/30/2009				

Newfield Production Company**Blackjack Federal R-10-9-17****Procedure for:** OAP D2. Tubing frac**Well Status:** See attached Wellbore Diagram**AFE #**

Engineer: Paul Weddle pweddle@newfield.com
mobile 720-233-1280
office 303-383-4117

PROCEDURE

- 1 Blow down tbg. MIRU SU. Seat pump and pressure test tubing to 3,000 psi. POH, LD, and visually inspect rods and pump. ND wellhead. Strip-on and NU BOP. GIH and tag fill. Clean out to PBTD as necessary. TOOH visually inspecting 2-7/8" production tbg. Report any scale on production string (interval, depth, type) on morning report and verbally to Engineer
- 2 RU wireline unit. Make 4-3/4" gauge ring run to +/- **5,925**
Only Run B&S if required. RIH and perforate the following interval w/ 3SPF 120deg phasing:

D2 **4646-4654**

 3spf 120deg phasing
- 3 PU tandem RBP/PKR and TIH on 2-7/8" N80 8RD EUE workstring. Breakdown all new perforations with 5-10 bbls fresh water while TIH (skip to next step if only 1 treatment zone)
Set RBP @ +/- **4,705** and test to 4,000psi. PUH with packer to +/- **4,590**
- 4 RU frac equip. Frac the **D2** down tubing w/**30,000#** 20/40sand at 15 BPM with max sand concentration of 6ppg per BJ recommendation.
- 8 Flowback well immediately @ 3-4 BPM until dead.
- 9 Release Packer and RBP. POOH laying down workstring, packer, and RBP.
- 9 Run tubing as pulled. RU swab equipment and swab well until returns are clean of sand. GIH tag fill and clean out as necessary.
- 10 Place SN @ ± 5753 and set TAC at ±5614' with 15,000 lbs overpull. ND BOP's. NU wellhead.
- 11 PU and RIH with a 2-1/2" x 1-3/4" x 20' RHAC pump, 4 x 1-1/2" weight rods, 2' x 6' x 7/8" pony rods, 221 x 7/8" guided rods. Space out with pony rods as necessary.
- 12 PWOP and track results for one month.

Blackjack Federal R-10-9-17

Spud Date: 9/5/08
Put on Production: 10/29/08
GL: 5192' KB: 5204'

Injection Wellbore Diagram

FRAC JOB

10/23/08 5642'-5650' Frac CP4 sds as follows:
25,100# 20/40 sand in 381 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1864 @ ave rate of 24 bpm w/ 6 ppg of sand. ISIP was 1872. Actual flush: 5182 gals.

10/27/08 5462'-5482' Frac CP1 & CP2 sds as follows:
49,992# 20/40 sand in 478 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1553 w/ ave rate of 22.5 bpm w/ 8 ppg of sand. ISIP was 1684. Actual flush: 5014 gals.

10/27/08 5270'-5306' Frac stage #3 as follows:
50,686# 20/40 sand in 460 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2336 w/ ave rate of 22.5 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2403. Actual flush: 5182 gals.

10/27/08 4054'-4074' Frac stage #4 as follows:
38,187# 20/40 sand in 373 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2304 w/ ave rate of 22.5 bpm w/ 8 ppg of sand. ISIP was 1986. Actual flush: 3969 gals.

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (311.43')
DEPTH LANDED: 323.28' KB
HOLE SIZE: 12 1/4"
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

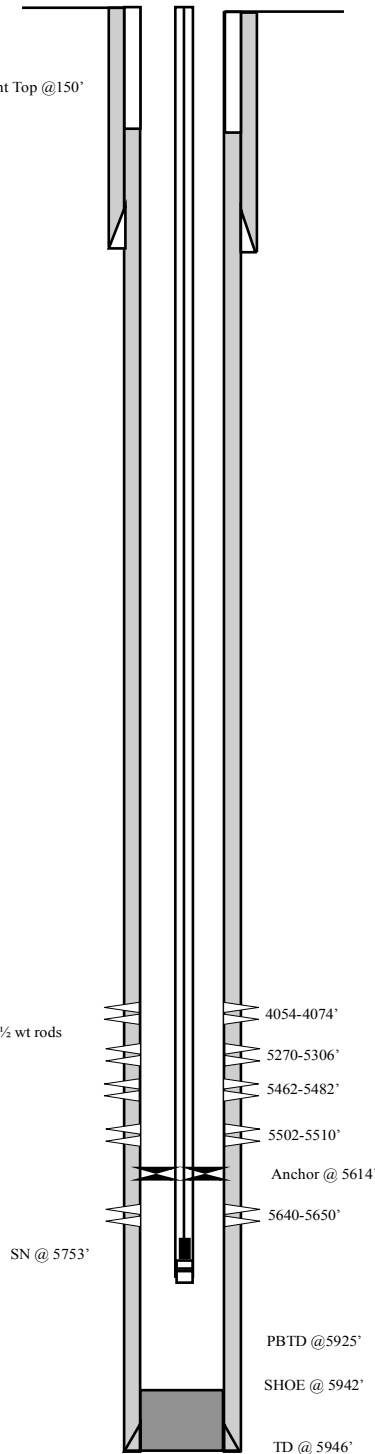
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 150 jts. (5929.20')
DEPTH LANDED: 5942.45' KB
HOLE SIZE: 7 7/8"
CEMENT DATA: 325 sx Premlite II and 425 sx 50/50 Poz
CEMENT TOP AT: 150'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 182 (5601.83')
TUBING ANCHOR: 5613.83'
NO. OF JOINTS: 1jts (30.85')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5752.82'
NO. OF JOINTS: 2jts (61.63')
TOTAL STRING LENGTH: EOT @ 5710.66'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' polished rod
SUCKER RODS: 2', 6", x 7/8" pony rods, 221-7/8" guided rods, 4-1 1/2 wt rods
PUMP SIZE: 2 1/2" x 1 3/4" x 16" x 20" RHAC pump w/sm plunger
STROKE LENGTH: 122"
PUMP SPEED, SPM: 5



PROPOSED PERFORATIONS

10/23/08	4054-4074'	4 JSPF	80 holes
10/27/08	5270-5306'	4 JSPF	144 holes
10/27/08	5462-5482'	4 JSPF	80 holes
10/27/08	5502-5510'	4 JSPF	32 holes
10/27/08	5640-5650'	4 JSPF	40 holes



Blackjack Federal R-10-9-17

685' FSL & 2017' FWL

SE/SW Section 10-T9S-R17E

Duchesne Co, Utah

API #43-013-33931; Lease #UTU-70821

TW 03/31/09

RECEIVED September 30, 2009

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER
USA UTU-70821

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME
GMBU

1. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER
BLACKJACK FEDERAL R-10-9-17

2. NAME OF OPERATOR
NEWFIELD PRODUCTION COMPANY

9. API NUMBER
4301333931

3. ADDRESS OF OPERATOR
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT
MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE 685 FSL 2017 FWL

COUNTY DUCHESNE

OTR/OTR SECTION TOWNSHIP RANGE MERIDIAN SESW, 10, T9S, R17E

STATE UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion 10/16/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER -	
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was recompleted and then placed back on production. The following perforation was added in the Green River Formation:

D2 4646-4654' 3 JSPF 24 holes

RECEIVED

NOV 23 2009

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Production Clerk

SIGNATURE

DATE 11/11/2009

(This space for State use only)

Daily Activity Report

Format For Sundry

BLACKJACK R-10-9-17**7/1/2009 To 1/30/2010****10/14/2009 Day: 1****Recompletion**

WWS #5 on 10/14/2009 - MIRU WWS #5, TOO H w/ rods & 68- jts tbg. - MIRU WWS #5. Hot oiler had pumped 60 BW down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 BW @ 250°. Soft seat rods & pump. Fill tbg & attempt to pressure test, blew hole in tbg @ 2200 psi. TOO H w/ rods as follows: 1 1/2" X 26' polish rod, 1- 2', 6' X 7/8" pony rods, 221- 7/8" guided rods (8 per), 4- 1 1/2" weight rods & rod pump. ND wellhead. X-over for tbg. Release TA. NU BOPs. RU rig floor. TOO H w/ 68- jts 2 7/8" tbg. RU pump & pump lines. SWIFN.

10/15/2009 Day: 3**Recompletion**

WWS #5 on 10/15/2009 - Frac D2 sands & flowback. LD N-80 tbg & TIH w/ production tbg. - Release pkr, TIH & tag sand @ 4667'. Clean out to RBP @ 4687'. Circulate well clean. Latch onto & release RBP. TOO H w/ 145- jts N-80 tbg, LD BHA. TIH w/ bottom 10- jts production tbg & LD. MU & TIH w/ production tbg as follows: NC, 2- jts tbg, SN, 1- jt tbg, TA & 182- jts 2 7/8" J-55 6.5# 8rd EUE tbg. Pressure testing after each 1/3 tbg ran, final pressure test of 3000 psi. RU swab equipment. RIH w/ fishing tool on sandline & retrieve standing valve. Made 3 swab runs w/ SFL @ surface & EFL @ 500'. Recovered 34 bbls w/ no show of oil or sand. SWIFN. 310 BWTR. - Release pkr, TIH & tag sand @ 4667'. Clean out to RBP @ 4687'. Circulate well clean. Latch onto & release RBP. TOO H w/ 145- jts N-80 tbg, LD BHA. TIH w/ bottom 10- jts production tbg & LD. MU & TIH w/ production tbg as follows: NC, 2- jts tbg, SN, 1- jt tbg, TA & 182- jts 2 7/8" J-55 6.5# 8rd EUE tbg. Pressure testing after each 1/3 tbg ran, final pressure test of 3000 psi. RU swab equipment. RIH w/ fishing tool on sandline & retrieve standing valve. Made 3 swab runs w/ SFL @ surface & EFL @ 500'. Recovered 34 bbls w/ no show of oil or sand. SWIFN. 310 BWTR. - Set HD packer w/ CE @ 4583' & EOT @ 4595'. RU BJ services. Open pressure, 52 psi. Frac D2 sands w/ 28,519#s of 20/40 sand in 245 bbls lightning 17 frac fluid. Treated w/ ave pressure of 3730 psi & max pressure of 5553 psi @ ave rate of 16.4 BPM & max rate of 16.6 BPM. 494 BWTR. Open well for immediate flowback @ 3 BPM. Well flowed for approx. 1 hour & died. Recovered 150 bbls. 344 BWTR. - Hot oiler was broke down, wait for hot oiler get make repairs. Flush tbg w/ 50 BW @ 250°. Continue TOO H w/ 185- jts tbg, LD TA, SN & NC. Found hole in jt #176. RU WLT. PU & RIH w/ 4 3/4" gauge ring & 8' perf gun. Talley & PU TS RBP, RH, 6' X 2 3/8" tbg sub, HD pkr, SN & 145- jts 2 7/8" N-80 tbg. Set RBP @ 4687' & PKR @ 4583'. RU hot oiler & brake down D2 sands @ 4000 psi, establish injection rate of 2/3 BPM @ 1350 psi. Release PKR. SWIFN. 180 BWTR - Hot oiler was broke down, wait for hot oiler get make repairs. Flush tbg w/ 50 BW @ 250°. Continue TOO H w/ 185- jts tbg, LD TA, SN & NC. Found hole in jt #176. RU WLT. PU & RIH w/ 4 3/4" gauge ring & 8' perf gun. Talley & PU TS RBP, RH, 6' X 2 3/8" tbg sub, HD pkr, SN & 145- jts 2 7/8" N-80 tbg. Set RBP @ 4687' & PKR @ 4583'. RU hot oiler & brake down D2 sands @ 4000 psi, establish injection rate of 2/3 BPM @ 1350 psi. Release PKR. SWIFN. 180 BWTR - Set HD packer w/ CE @ 4583' & EOT @ 4595'. RU BJ services. Open pressure, 52 psi. Frac D2 sands w/ 28,519#s of 20/40 sand in 245 bbls lightning 17 frac fluid. Treated w/ ave pressure of 3730 psi & max pressure of 5553 psi @ ave rate of 16.4 BPM & max rate of 16.6 BPM. 494 BWTR. Open well for immediate flowback @ 3 BPM. Well flowed for approx. 1 hour & died. Recovered 150 bbls. 344 BWTR.

10/19/2009 Day: 4**Recompletion**

WWS #5 on 10/19/2009 - Swab & TIH w/ rods. - Check pressure on well, 0 psi tbg & csg. Made 9 swab runs w/ SFL @ 400' & EFL @ 1600'. Ending w/ no show of oil or sand, small show of gas. Recovered 106 bbls fluid. RD swab equipment. PU 7- jts tbg & tag fill @ 5912'. Clean out to PBTD @ 5925'. Circulate well clean. LD 7- jts tbg used to clean out. RD rig floor. ND BOPs. Set TA @ 5622' w/ 18,000#s tension. NU wellhead. PU & prime Central Hydraulic 2 1/2" X 1 3/4" X 16' X 20' RHAC rod pump. TIH w/ rods as detailed. RU pumping unit. Fill tbg w/ 5 BW. Stroke test pump w/ unit to 800 psi. RDMOSU. PWOP @ 4:00 PM w/ 122" SL & 5 SPM. 243 BWTR. **Finalized**

Pertinent Files: Go to File List